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# Program to Prevent the Significant Deterioration of Carbon Monoxide, Ozone, Hydrocarbons, Nitrogen Dioxide, and Lead

PEDCo Environmental, Inc.
Durham, NC

Prepared for

Environmental Protection Agency
Research Triangle Park, NC

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# Program to Prevent the Significant Deterioration of Carbon Monoxide, Ozone, Hydrocarbons, Nitrogen Dioxide, and Lead

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16. ABSTRACT

Section 166 of the 1977 Clean Air Act requires EPA to conduct a study and to promulgate regulations to prevent significant deterioration of air quality resulting from carbon monoxide (CO), volatile organic compounds (VOC) or hydrocarbon (HC), nitrogen oxides ($NO_x$) and lead (Pb). The regulations which are to be promulgated shall provide specific numerical measures against which permit applications may be evaluated. The regulations must also provide a framework for stimulating improved control technology, protection of air quality valves, and the fulfillment of the goals and purposes of the PSD program which are set forth in Section 160 of the Act.

This report identifies and evaluates various alternatives for implementing the PSD program and describes in detail a number of issues which need to be resolved in order for the PSD program to be effectively carried out. The report identifies the various sources to be affected by the PSD program for CO, VOC or HC, ozone ($O_3$), $NO_x$ and Pb. It also provides an assessment of the impact in terms of potential growth which may be precluded as a result of the PSD program for CO, VOC or HC, $O_3$, $NO_x$ and Pb as compared to the current PSD program for TSP and $SO_2$. Finally, the report provides an assessment of the potential consequences of no further regulatory action for PSD.

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# Program to Prevent the Significant Deterioration of Carbon Monoxide, Ozone, Hydrocarbons, Nitrogen Dioxide, and Lead

by

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# SECTION 1

# INTRODUCTION

The 1977 amendments to the Clean Air Act (the Act) affirmed, with some modifications, EPA's regulations for the prevention of significant deterioration (PSD) of air quality for sulfur dioxide ($SO_2$) and total suspended particulate (TSP). In essence, these regulations limit the allowable deterioration of air quality in any area where the current air quality is better than that specified by the National Ambient Air Quality Standards (NAAQS's). These regulations require each new or modified major stationary source to obtain a preconstruction permit. These regulations basically require that no major stationary source may be constructed unless--

> a permit has been issued to that source;
>
> the owner or operator of the source demonstrates that the emissions from the operation will not cause or contribute to air pollution levels in excess of any maximum allowable increases (i.e., the increments for TSP and $SO_2$ established under Section 163 of the Act), any NAAQS in any region, or any other applicable emission standard or standard of performance under the Act;
>
> the proposed source is subject to the Best Available Control Technology (BACT) for each pollutant it emits which is subject to regulation under the Act; and
>
> the owner or operator agrees to conduct such monitoring that may be necessary to determine the effect which emissions of this proposed facility may have on air quality.

While the requirement for a source to conduct an air quality impact only applies to TSP and $SO_2$, the BACT requirement applies to all pollutants regulated under the Act, which of course would include carbon monoxide (CO), volatile organic compounds (VOC) or hydrocarbon (HC), nitrogen oxides ($NO_x$), and lead (Pb).

Section 166 of the 1977 amendments to the Act further requires the EPA to conduct a study and to promulgate regulations to prevent significant deterioration of air quality resulting from VOC or HC, CO, $NO_x$, and Pb. The regulations which are to be promulgated shall provide specific numerical measures against which permit applications may be evaluated. The regulations must also provide a framework for stimulating improved control technology, protection of air quality values, and the fulfillment of the goals and purposes of the PSD program which is set forth in Section 160 of the Act. It states:

> . . . to protect public health and welfare from any actual or potential adverse effect which in the Administrator's judgment may reasonably be anticipated to occur from air pollution or from exposures to pollutants in other media, (which pollutants originate as emissions to the ambient air), not withstanding attainment and maintenance of all national ambient air quality standards;
>
> . . . to preserve, protect, and enhance the air quality in national parks, national wilderness areas, national monuments, national seashores, and other areas of special national or regional natural, recreational, scenic, or historic value;
>
> . . . to insure that economic growth will occur in a manner consistent with the preservation of existing clean air resources;
>
> . . . to assure that emissions from any source in any State will not interfere with any portion of the applicable implementation plan to prevent significant deterioration of air quality for any other State; and
>
> . . . to assure that any decision to permit increased air pollution in any area to which this section applies is made only after careful evaluation of all the consequences of such a decision and after adequate procedural opportunities for informed public participation in the decisionmaking process.

The regulations shall also provide specific measures that are at least as effective as the increments established for TSP and $SO_2$. These measures may include air quality increments, emission density requirements or other measures.

Finally, an area classification plan shall not necessarily be required for CO, VOC, $NO_x$, and Pb if the States can provide measures which, when considered as a whole, will carry out the basic purposes of the Act at least as effectively as an area classification plan for TSP and $SO_2$.

# SECTION 2

# ISSUES AND ALTERNATIVES

Two of the major elements in the development of the PSD program for VOC or HC, CO, $NO_x$, and Pb are the identification and evaluation of various alternatives which may be used to implement the PSD program. Additionally, a number of issues have been identified and need to be resolved in order for the PSD program to be effectively carried out.

## 2.1 ALTERNATIVES

Eleven alternatives have been identified to date for possible consideration in the development of the PSD program.

> Emission Controls Only. This system would rely primarily on the requirements for BACT on major new stationary sources and the Federal standards for motor vehicle emissions with the possible addition of inspection and maintenance requirements. Control requirements under this system would not vary as a function of ambient concentrations or the proximity of sources so long as the National Ambient Air Quality Standards were not violated.
>
> Ambient Air Quality Increments. This would call for developing an area classification system establishing numerical limits for allowable ambient air quality degradation. This system would be similar to that already in effect for TSP and $SO_2$ but not now applicable to VOC, CO, $NO_x$ and Pb.
>
> Emission Density Zoning (EDZ). An EDZ system would set theoretical air quality increments to serve as a guideline for establishing maximum allowable emission limits per unit land area. Once these limits were eatablished, emission limits rather than ambient air quality would determine all preconstruction review and enforcement actions under PSD.

Inventory Management. This system would emphasize the process of local citizen participation in decisions affecting environmental quality. It would require State and local agencies to develop and maintain detailed emission inventories and provide for mandatory periodic public review whenever the local emission inventory increased by a preestablished quantity or percentage. This public review would be required prior to allowing any further incremental increase in emissions and could include an environmental analysis, a public education program, a public hearing, and a vote by elected officials from the potentially impacted area.

Statewide Emission Limitation (Bubble). This system would set areawide emission limitations to insure that there would be no net increases in emissions. This area could be defined as a State, a portion of a State or possibly more than one State. Every local increase (after some fixed time) would require an offsetting decrease somewhere else within the defined area.

Avoidance of Co-located HC and $NO_x$ Sources. This approach would prevent significant deterioration resulting from the formation of ozone. Such a program would focus special attention on the HC/$NO_x$ ratio and prevent the juxtaposition of HC and $NO_x$ sources within a certain fixed distance of each other.

Emission Fees. A fee system would strengthen the requirements for BACT on new major stationary sources. A fee levied against each source based on its quantity of emissions would provide the source an incentive to develop and incorporate new technology.

Marketable Permits. Marketable permits establish a permit to emit a certain fixed quantity of emissions and allow that permit to be bought and sold in the market. Like an emission fee system, the cost of these permits provides an incentive to the source to minimize the quantity of emissions. Furthermore, limiting the number of marketable permits within an area can regulate the exact quantity of emissions within that area.

*De minimis* Level. This alternative would not require PSD review in areas that show air quality concentrations and/or emissions below a certain, *de minimis*, level. This would eliminate periodic assessments in undeveloped areas.

Transportation BACT. This alternative would require means to reduce emissions associated with motor vehicle related sources. These means could involve specifications for road systems or performance standards for public transportation systems, such as specified levels of service for public transportation. Additional criteria for existing transportation processes could also be considered.

Federal Indirect Source Review. PSD review would be conducted for all Federally funded or assisted indirect sources and all Federally-owned or operated indirect sources.

A detailed discussion of each alternative is in Appendix A.

To evaluate or compare these alternatives, specific objective criteria must be developed. These criteria include:

Technical feasibility

Economic feasibility

Legal feasibility

Does the alternative meet basic objective of the Act

Administrative feasibility

Compatibility with current program

Public participation

Administrative costs

Political feasibility

Air quality impact

A detailed discussion of the criteria recommended for use in evaluating the above alternatives is in Appendix B.

## 2.2 ISSUES

In attempting to comply with the basic goals and objectives of the Act regarding the PSD program and to implement a number of the above-identified alternatives, thirteen significant issues have been identified to date as being critical to the development of the PSD program for VOC or HC, CO, $NO_x$, and Pb.

How should the baseline be defined? What should be the baseline date? What actions would be counted in determining increment consumption? How would the various alternatives affect industrial, commercial and other sources?

How can these regulations best protect air quality in pristine areas against significant deterioration in situations where emissions from indirect sources represent the most significant threat?

What type of additional control requirements could or should these regulations require for mobile sources? What should be the balance between control of mobile sources versus stationary sources?

Given the difficulty of modeling many of the Set II pollutants, what type and level of detail of modeling can or should EPA or a State require?

How much preconstruction monitoring should EPA or a State require? How much post-construction monitoring?

What size and type of sources should be subject to preconstruction review?

What size areas would be most appropriate under an emission density zoning system? Under an increment system?

How much consistency should be required between PSD Set II and other programs, specifically, PSD Set I, New Source Review/Nonattainment and Visibility? What is the true extent of attainment vs. nonattainment areas and how will this affect the PSD Set II program?

How will Class I areas and surrounding areas which impact them best be treated?

What level of detail will be most appropriate for Federal regulations promulgated under this program and what degree of flexibility should be left to the States?

How should regulations handle increment allocation when an area covers two or more States?

What methodologies, other than first-come-first-served, exist for determining increment allocation?

How much data are available for rural areas? Which alternatives would only need existing data and which would require substantially more data than are currently available? What degree of accuracy is necessary for rural emission inventories?

A detailed discussion of each of these issues is in Appendix C. This discussion includes: (1) the major implications, (2) the pros and cons, and (3) a recommendation regarding the resolution of each issue.

## SECTION 3

## AN OVERVIEW OF COUNTIES AFFECTED BY THE PSD PROGRAM FOR VOC OR HC, $O_3$, $NO_x$, CO AND Pb

The PSD program for VOC or HC, $NO_x$, $O_3$, CO, and Pb will affect where companies choose to locate new plants and how much pollution control will be required in various geographic areas. This overview summarizes the pertinent data with respect to these areas so that some evaluation can be made regarding the geographic extent and character of the areas where the PSD program for VOC or HC, $O_3$, CO, $NO_x$ and Pb will apply. The areas are characterized by using various economic, environmental, meteorologic and topographic indicators. Some of the characteristics are presented on maps while others are in a series of tables in Appendices G, H, I, and J.

The areas affected by the PSD program are of those which are not currently attaining the NAAQS's. The counties which are officially recognized by EPA as nonattainment areas either in whole or in part are blacked in on the maps (Figures 1, 4, and 7); these will not generally be affected by the PSD program for that pollutant as the more restrictive provisions dealing with nonattainment would apply.

In addition, PSD would not generally apply in areas which become nonattainment in the future. In order to assess the possible extent of "suspected" nonattainment areas, all the 1977-78 data for each of the above pollutants that have been reported to EPA were reviewed. In some instances, the data would lead an observer to suspect that the NAAQS was exceeded during 1977-78. Since the significance of each observation could not be analyzed in detail, suspected areas do not necessarily represent areas which will be officially designated as nonattainment in the future. In some cases, the air quality may be improving. As shown on the maps, suspected nonattainment areas are not extensive and do not further limit the PSD program to any great extent. The specific names of the counties which are designated as nonattainment or are suspected of being nonattainment can be obtained from the air quality data summary in Appendix D (areas designated as nonattainment are noted with an asterisk).

Since air quality data were not available for all areas of the country and there is a need to determine what the baseline air quality might be for an area along with an assessment of the potential for the area to have future air quality problems, information was obtained on the current emissions levels associated with these pollutants and on certain meteorological and topographical characteristics in order to provide some indication of the pollution potential for all areas of the country. By reviewing the amount of emissions and the general topographic features for an area, and assessing the potential for certain meteorological conditions to excess which are conductive to formation of air pollution, one can obtain an indication of which areas may be most affected by a PSD program.

This assessment can be further refined by reviewing the economic indicators to determine where future growth may occur. If growth is predicted for areas with already high air pollution levels or for areas where a high pollution potential exists, there is a possibility that certain environmental and economic impacts could occur in these areas as a result of implementing a PSD program and a more detailed assessment would be needed.

The following sections by utilizing the above referenced material, present a general summary by pollutant of the areas which are expected to be impacted by the PSD program for VOC or HC, $O_3$, CO, $NO_x$ and Pb.

Information is also presented on the indicators which were used along with the associated methodology to present these indicators in a format which could be used to evaluate the environmental and economic impact of the PSD program for VOC or HC, $O_3$, CO, $NO_x$ and Pb as part of a followup effort.

## 3.1 OZONE

The PSD program for $O_3$ will affect a major portion of the United States with its biggest impact in the southern and western states. Areas that are not currently attaining the 0.12 ppm $O_3$ standard lie principally in the northeastern states and in California, with scattered areas in the southeast and middle western states (Figure 1). Nonattainment areas for $O_3$ tend to be centered around highly developed urban regions.

One of the meteorological indicators pertinent to $O_3$ formation is the intensity of solar radiation. As shown on Figure 2, the average annual solar radiation ranges from less than 300 to over 500 langley. The southern portion of the United States, from California to North Carolina, lies in a zone of relatively high solar radiation. Southern California, Arizona, and New Mexico lie in the areas of highest solar radiation, but nonattainment counties are only in or near the urbanized portions of these states. The PSD program will limit the growth of certain VOC or HC sources, and thereby limit the future ambient concentrations of $O_3$.

In addition to being in a zone of relatively high solar radiation, the southern portion of the United States, as can be

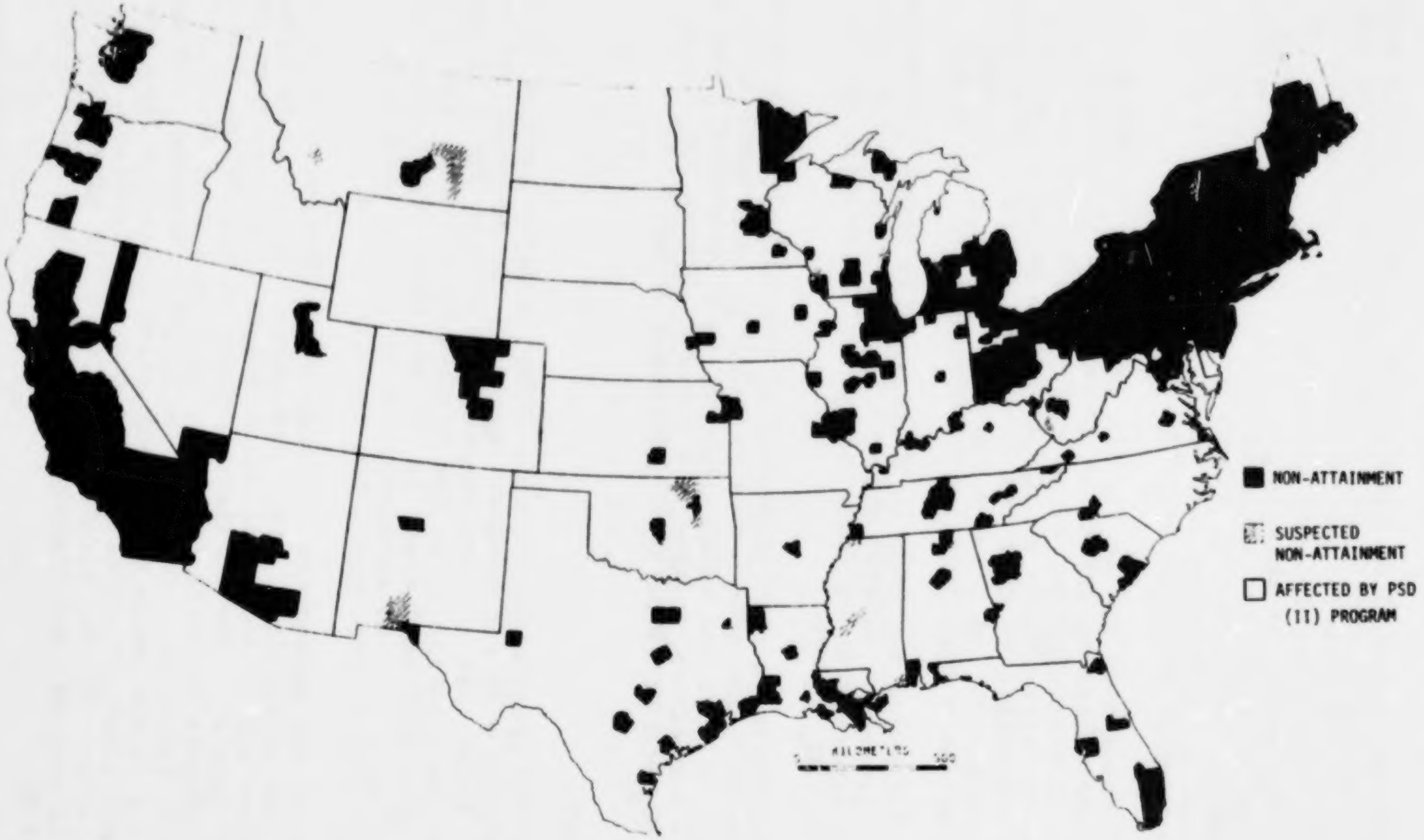


Figure 1. Counties Affected by PSD Program for $O_3$

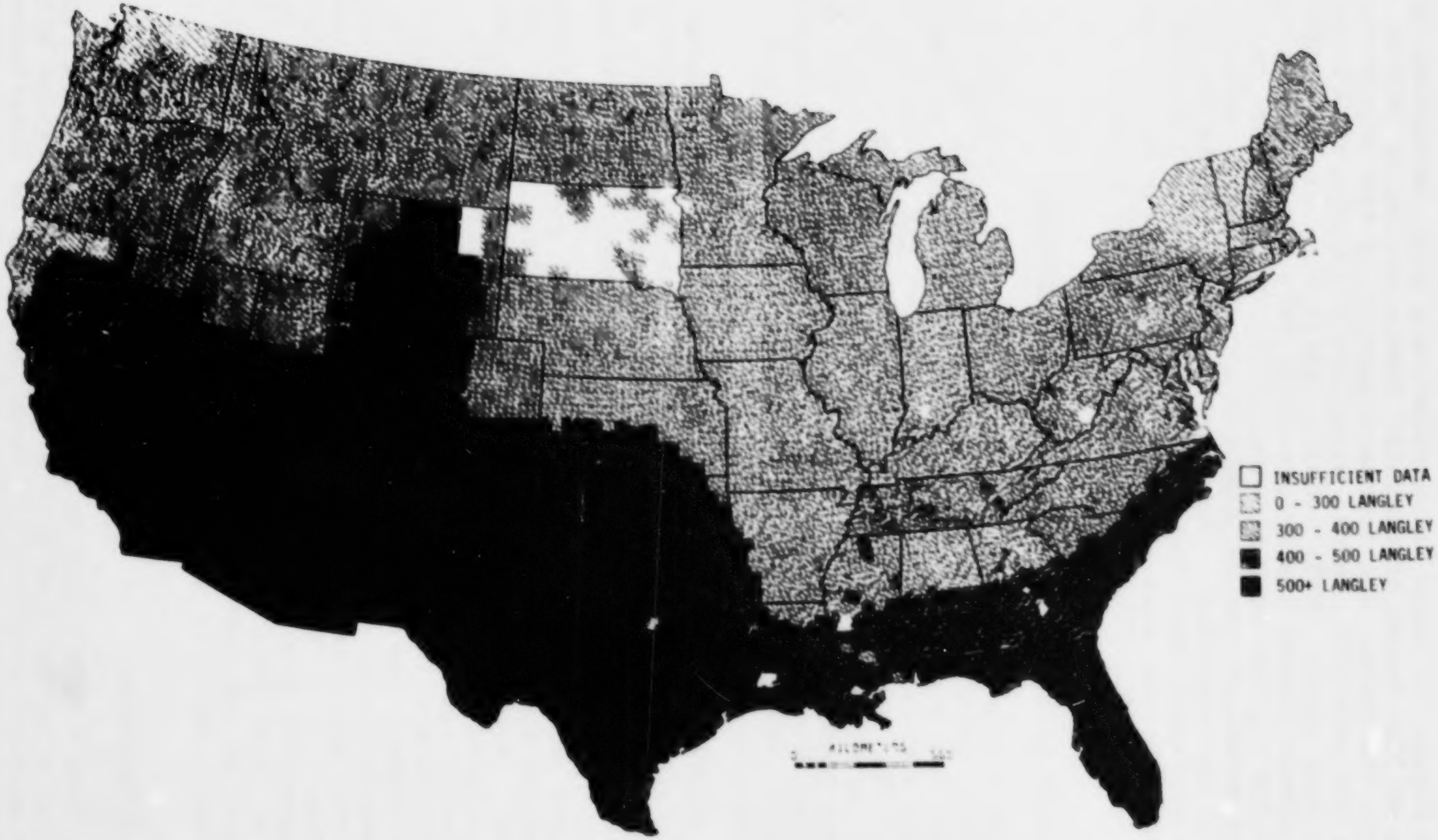


Figure 2. Average Annual Solar Radiation

seen from Figure 3,[1] also has a relatively high percentage of days with surface based or elevated inversions below 3000 m. Given these two facts, the southern portion of the United States does have the potential, given significant amounts of VOC emissions, to form ozone. Additionally, while many of the counties in the southern United States presently have low VOC emissions (see Appendix I), the economic indicators are such that future growth and emissions can be expected and the current emission levels will be increased. Therefore, the PSD program for ozone will have an impact upon these states and additional efforts should focus on this area in terms of the possible environmental and economic impacts which may result from a PSD program.

## 3.2 NITROGEN DIOXIDE AND NONMETHANE HYDROCARBONS

Figure 4 shows the few U.S. counties which are presently designated as nonattainment (in whole or in part) for $NO_2$ under the present standard of 0.05 ppm (100 $\mu g/m^3$), annual arithmetic mean. This standard was set on the basis of the direct health effects of $NO_2$, rather than the indirect contribution of $NO_2$ in the formation of $O_3$. Therefore there is very little correlation between the counties that are nonattainment for $O_3$ and the counties that are nonattainment for $NO_2$. In the case of nonmethane hydrocarbons (NMHC), no NAAQS has been set, so there are no nonattainment counties.

The counties which will be affected by this PSD program comprise essentially the entire country, with the exception of the few counties shown. Therefore the PSD program for $NO_2$ will have a relatively large impact in terms of geographic coverage.

Ambient concentrations of $NO_2$, and other gaseous pollutants are determined by the emission rates and by local meteorology and topography. Local terrain (Figure 5) is highly varied across the country--ranging from plains and tablelands along the south Atlantic coast and mid-western plateau to hills and mountains across the western states. The local relief (the difference between the highest and lowest points in a county) varies in a similar manner--ranging from 300 feet along the south Atlantic coast to over 3000 feet in the mountainous regions of the Western States (Figure 6). These wide ranges in topographical features with accompanying wide ranges in meteorological conditions (see Appendix H), mean that the effects of emissions from a specific plant cannot be presumed; the effects should be determined from a study within a specific locality on a case-by-case basis.

## 3.3 CARBON MONOXIDE

High levels of CO tend to represent highly localized conditions within a few hundred meters of major transportation arteries. The counties that contain localized areas of nonattainment and the counties where air quality data suggests nonattainment

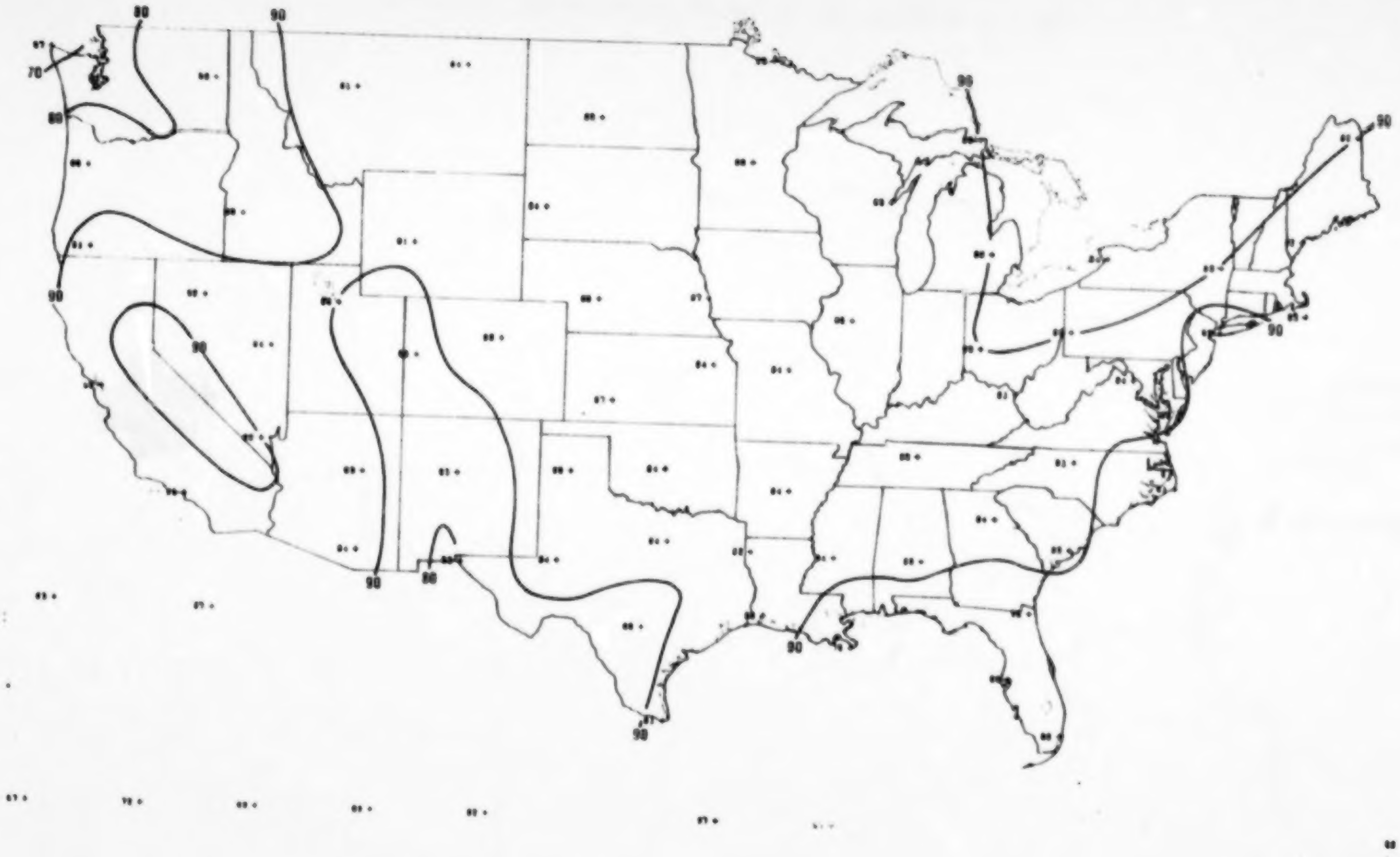


Figure 3. Percentage of all 1115 GMT Soundings with a Surface-based or Elevated Inversion Below 3000 m AGL

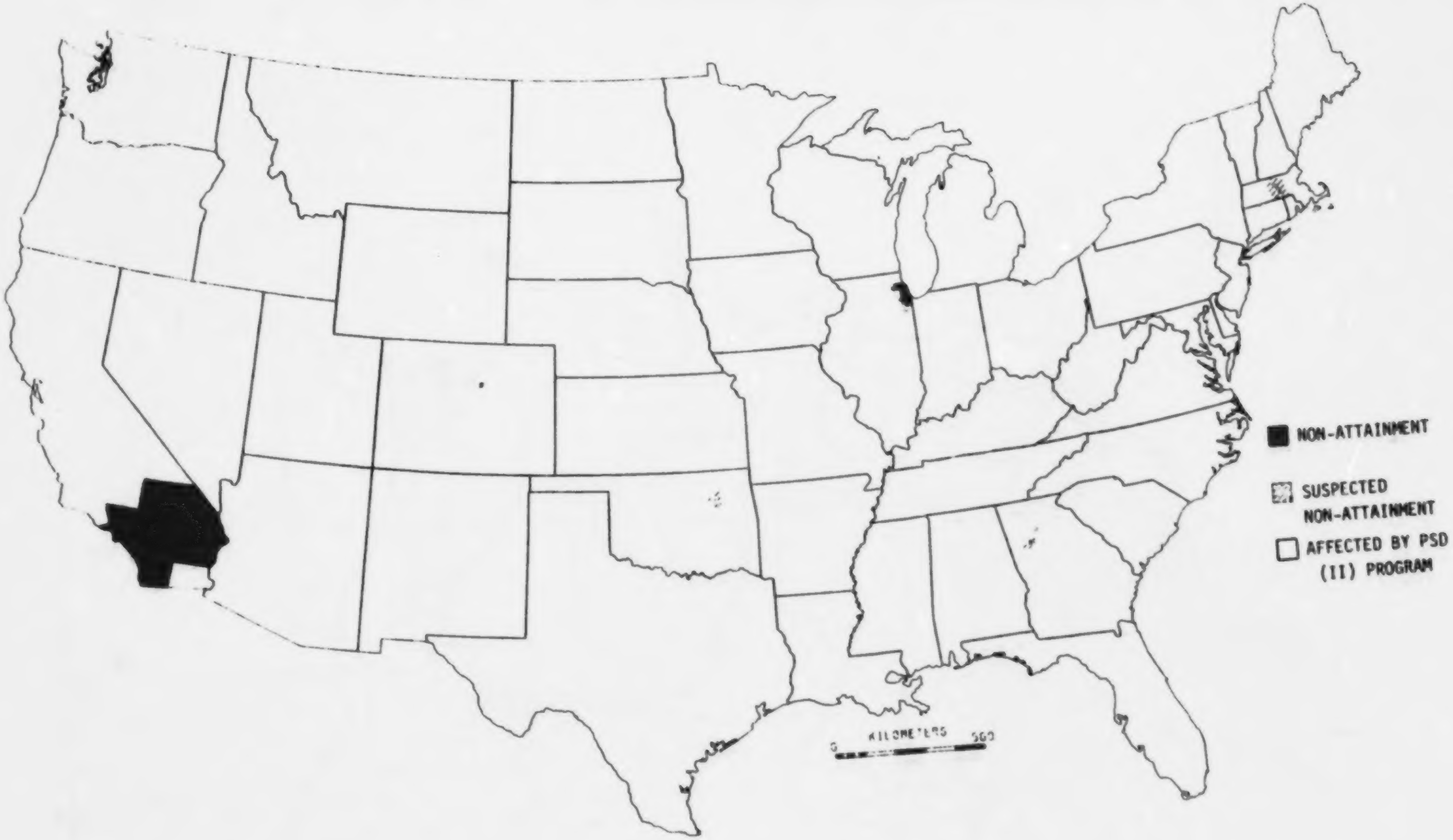


Figure 4. Counties Affected by PSD Program for $NO_2$

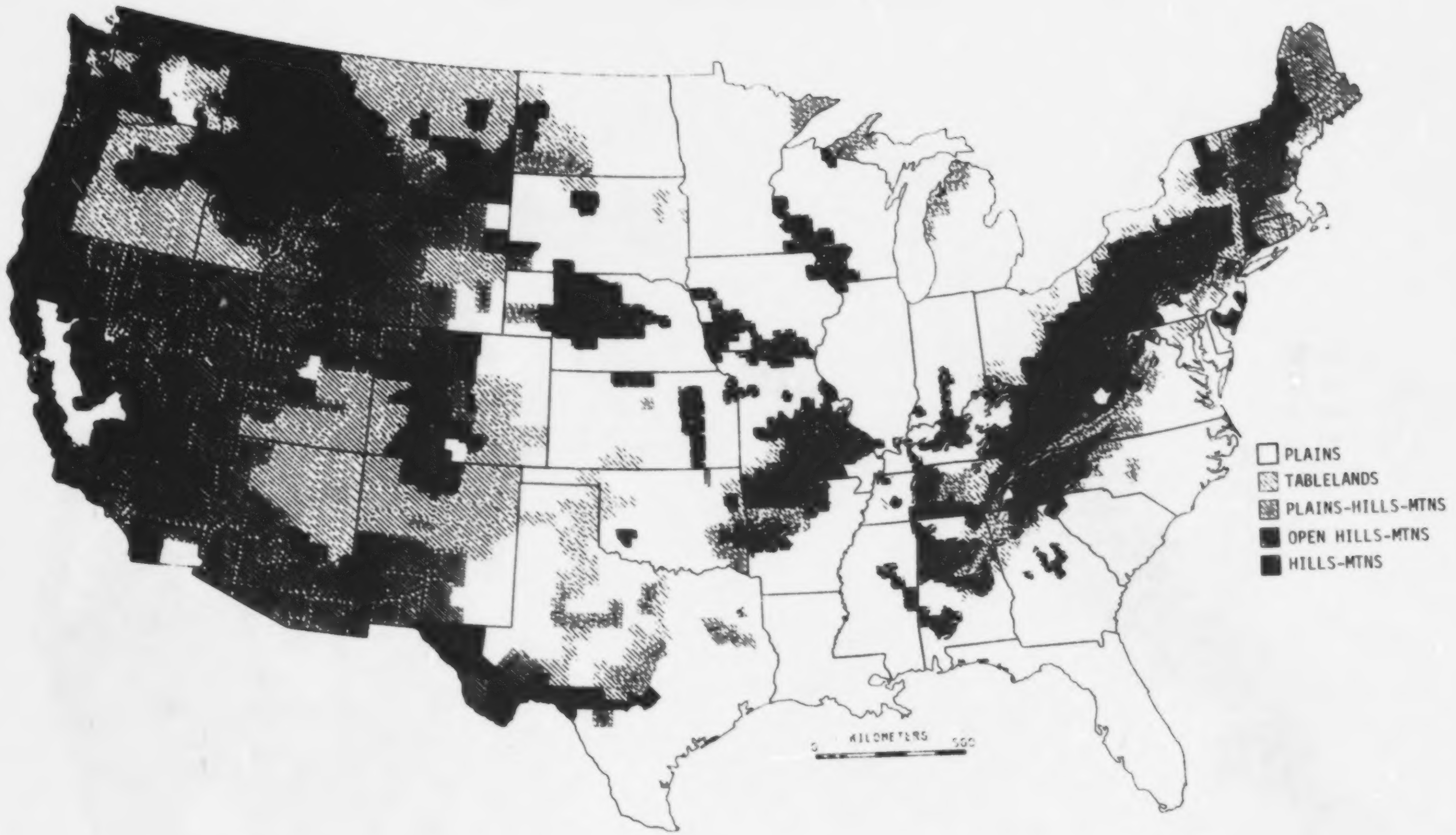


Figure 5. Local Terrain by County

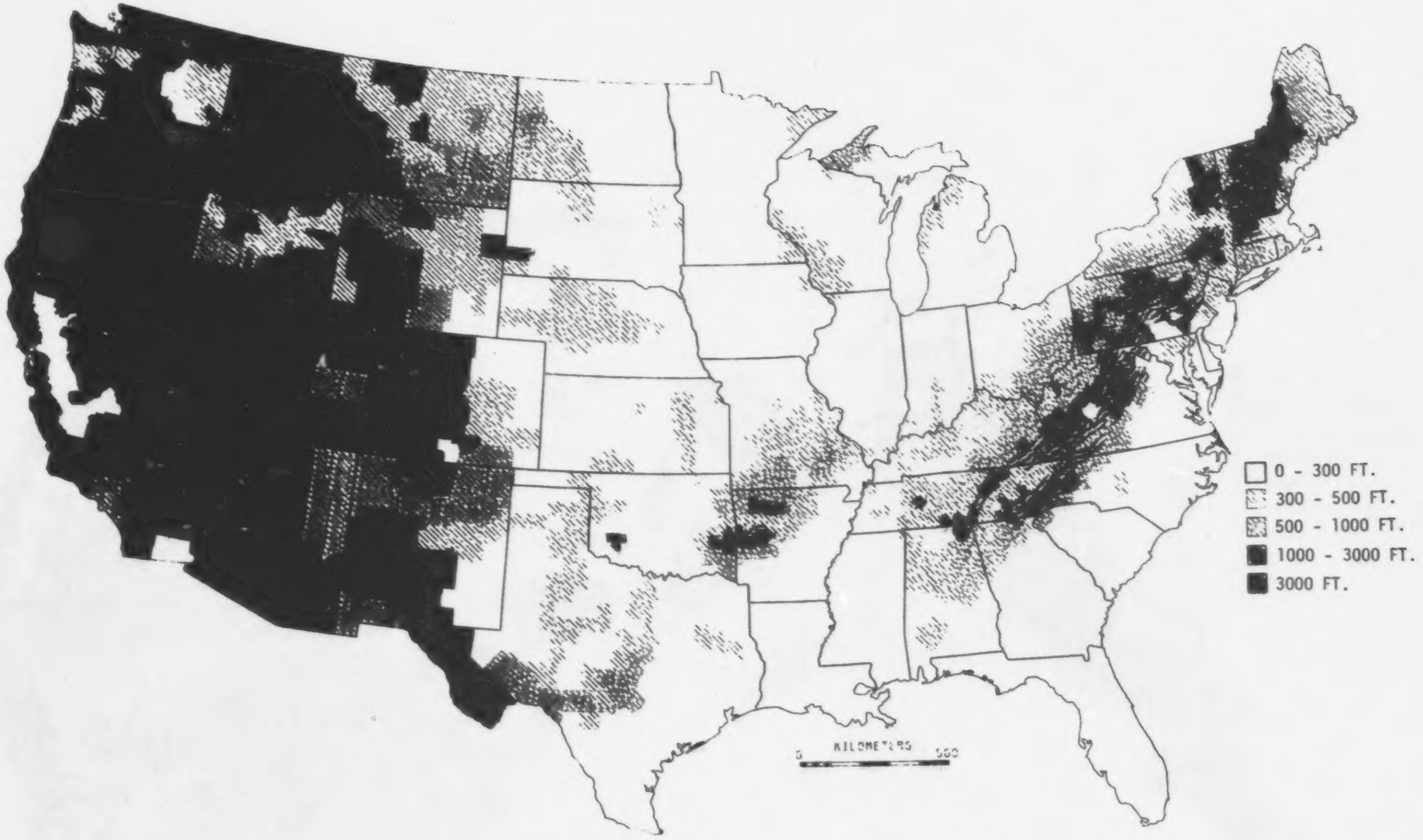


Figure 6. Local Relief by County

are shown in Figure 7. However because these areas are not extensive, a large majority of the country will be affected by the PSD program for CO.

The comments outlined above concerning other gaseous pollutants also pertain to CO except that CO has the highest percentage of emissions from motor vehicles than any of the other pollutants. Additionally, there are very few large point sources of CO, thus the program for CO would have its greatest impact in and around areas which are expected to have increased emissions due to new highways, airports, etc.

## 3.4 LEAD

At the present time there are no U.S. counties which are officially recognized as nonattainment areas for Pb. Plans for the control of this pollutant are currently being developed by the States and reviewed by EPA. Therefore, detailed emissions data are not readily available for Pb on a county or AQCR basis. Appendix J does provide a summary of the Pb emissions for the United States and maps showing the location of major existing stationary sources of Pb emissions. As the Pb State Implementation Plans (SIP) are developed and data is entered into the NEDS and Hazardous and Trace Element Materials System (HATREMS) system, data on Pb emissions by county should become more readily available. Additionally, while air quality data does exist for Pb it is fairly limited. However, the data that does exist suggests that only certain counties will become nonattainment in the future and that most of the country will therefore be affected by the PSD program for Pb (Figure 8). Appendix J presents a summary of the Pb air quality data for some of the major areas of the country.

## 3.5 COUNTY PROFILES

The table entitled "Economic Profiles of Counties" in Appendix G may be used to review the growth and development occurring across the United States. Counties undergoing development are more affected by the PSD program than stable or declining counties because developing counties are attracting the types of sources that require review to determine their impacts on air quality. The following explanations will assist in interpreting the table in Appendix G; an example of which is shown in Figure 9.

The first column of the table lists the names of the states, their two-letter zip codes, and the counties within the state. The second column (1970 population) is self-explanatory. The third column (Pct chg 1975) is the change in population; a minus sign (-) preceding this number means that the population declined during the 5-year period at the rate shown. The fourth column (Pct urb 1970) lists the percentage of population in the county

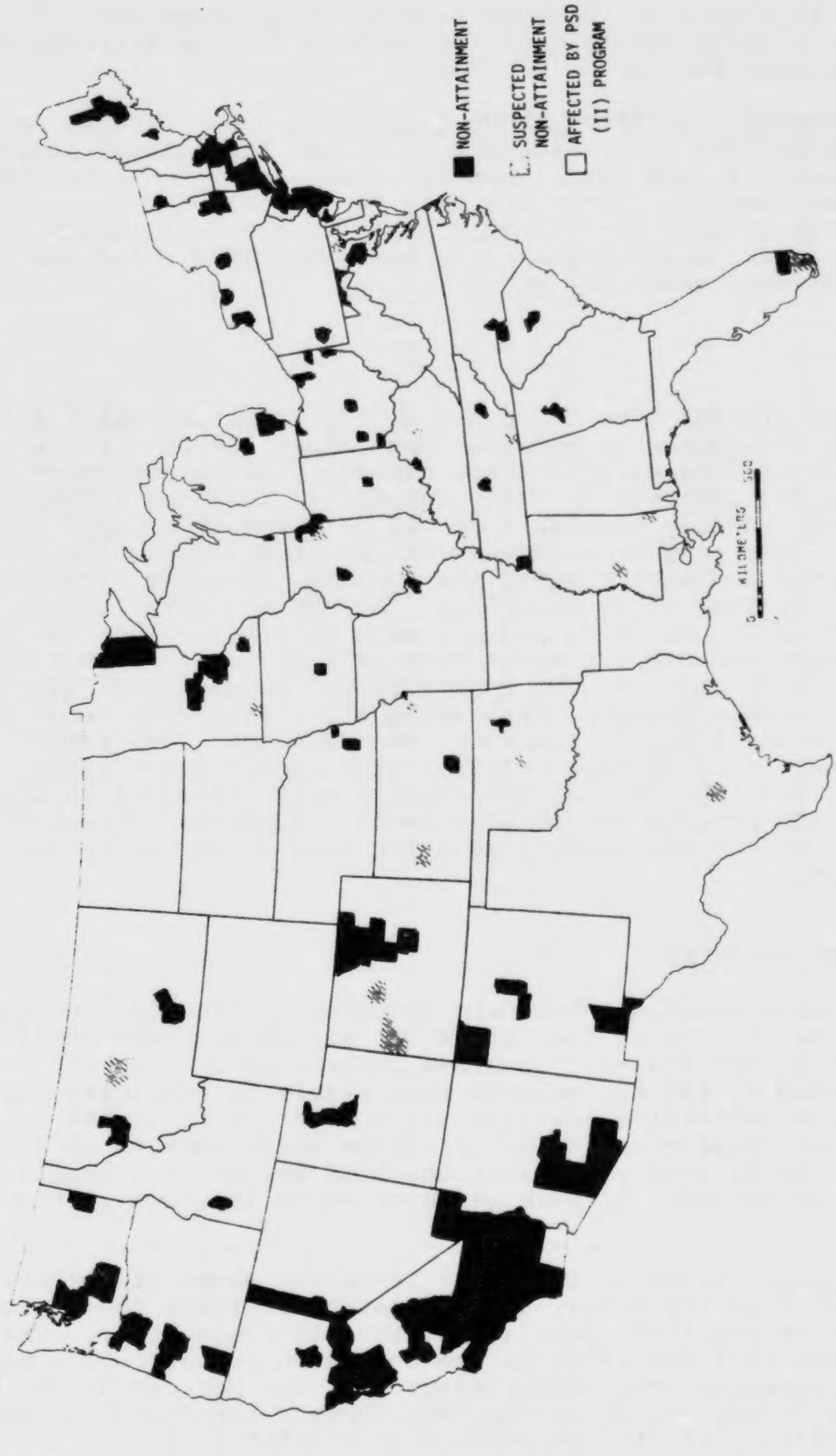


Figure 7. Counties Affected by PSD Program for CO

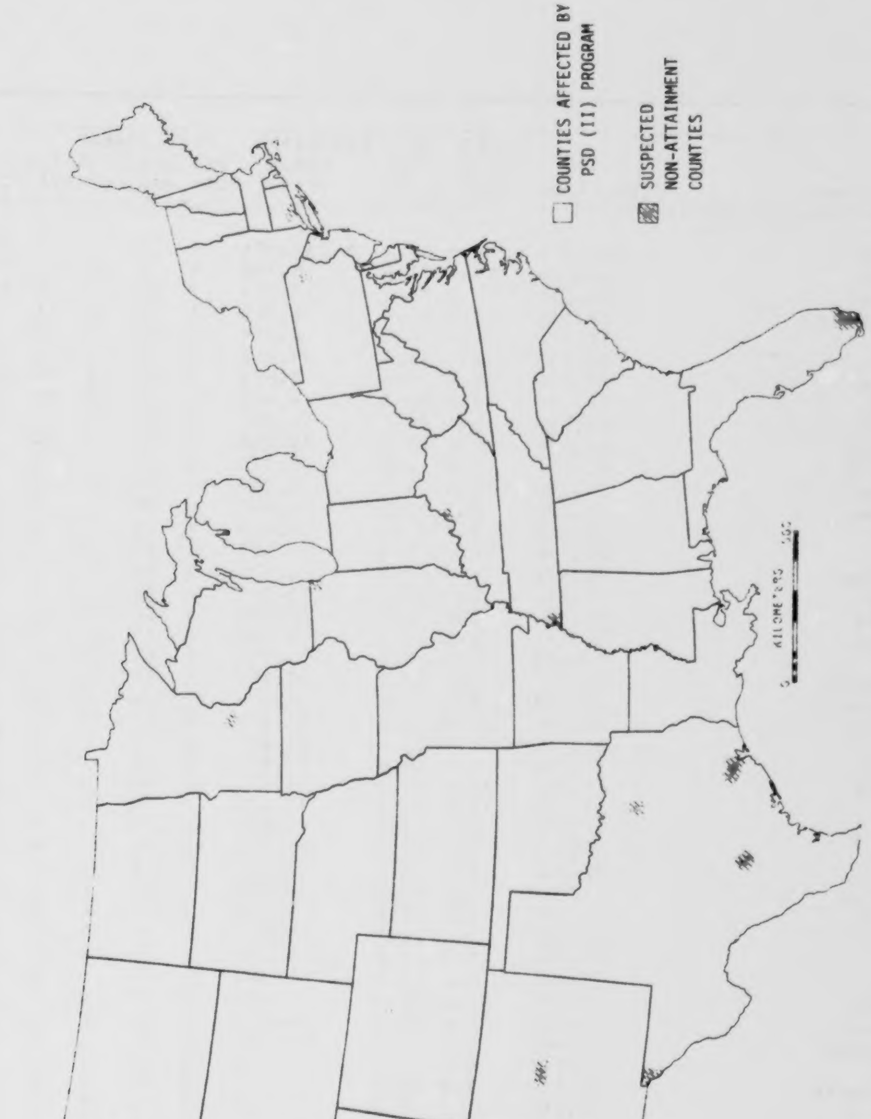
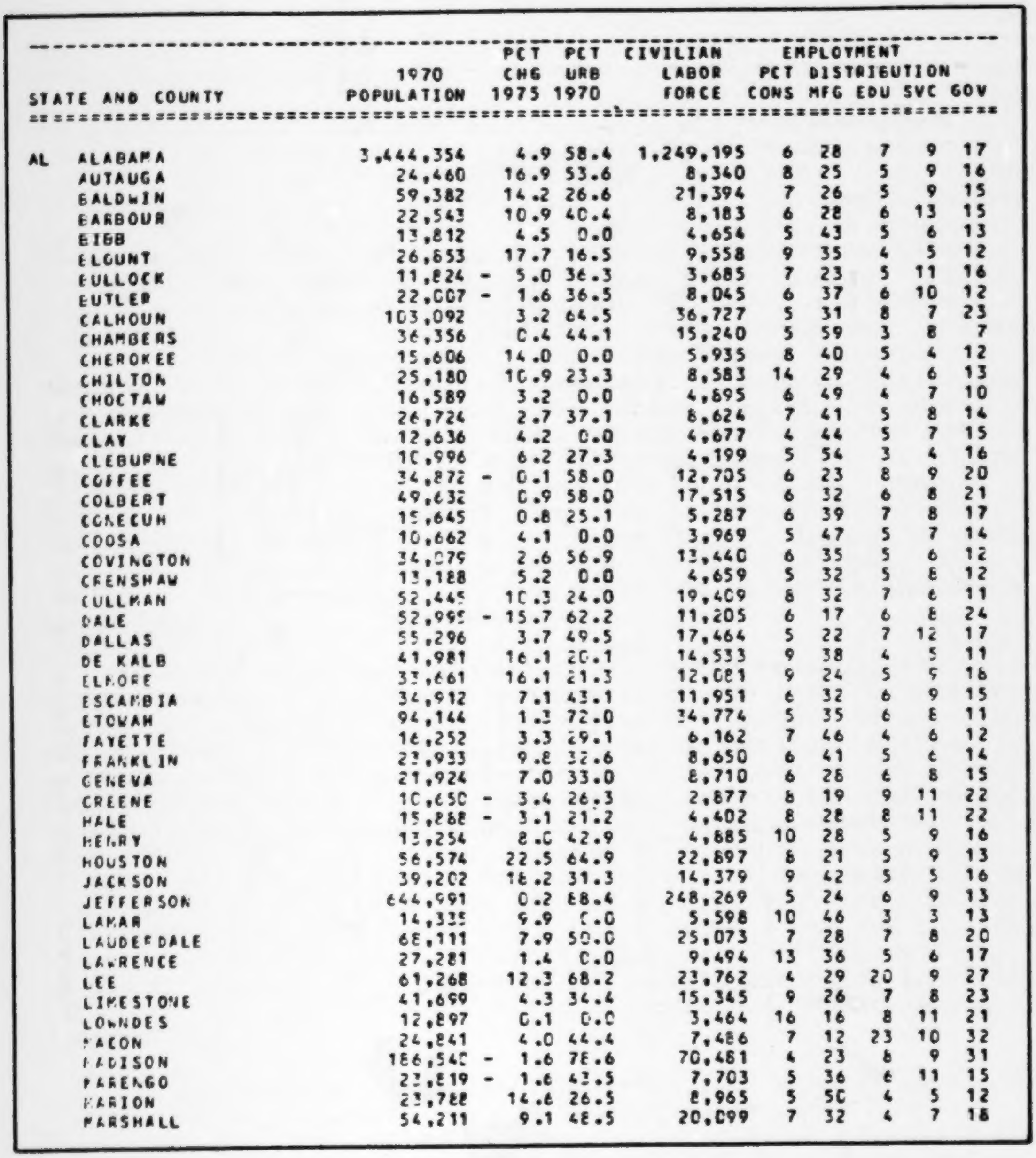

☐ COUNTIES AFFECTED BY PSD (II) PROGRAM
▨ SUSPECTED NON-ATTAINMENT COUNTIES
KILOMETERS
0
250
500

Figure 8. Counties Affected by PSD Program for Pb



| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| AL | ALABAMA | 3,444,354 | 4.9 | 58.4 | 1,249,195 | 6 | 28 | 7 | 9 | 17 |
| | AUTAUGA | 24,460 | 16.9 | 53.6 | 8,340 | 8 | 25 | 5 | 9 | 16 |
| | BALDWIN | 59,382 | 14.2 | 26.6 | 21,394 | 7 | 26 | 5 | 9 | 15 |
| | BARBOUR | 22,543 | 10.9 | 40.4 | 8,183 | 6 | 28 | 6 | 13 | 15 |
| | BIBB | 13,812 | 4.5 | 0.0 | 4,654 | 5 | 43 | 5 | 6 | 13 |
| | BLOUNT | 26,853 | 17.7 | 16.5 | 9,558 | 9 | 35 | 4 | 5 | 12 |
| | BULLOCK | 11,824 | - 5.0 | 36.3 | 3,685 | 7 | 23 | 5 | 11 | 16 |
| | BUTLER | 22,007 | - 1.6 | 36.5 | 8,045 | 6 | 37 | 6 | 10 | 12 |
| | CALHOUN | 103,092 | 3.2 | 64.5 | 36,727 | 5 | 31 | 8 | 7 | 23 |
| | CHAMBERS | 36,356 | 0.4 | 44.1 | 15,240 | 5 | 59 | 3 | 8 | 7 |
| | CHEROKEE | 15,606 | 14.0 | 0.0 | 5,935 | 8 | 40 | 5 | 4 | 12 |
| | CHILTON | 25,180 | 10.9 | 23.3 | 8,583 | 14 | 29 | 4 | 6 | 13 |
| | CHOCTAW | 16,589 | 3.2 | 0.0 | 4,895 | 6 | 49 | 4 | 7 | 10 |
| | CLARKE | 26,724 | 2.7 | 37.1 | 8,624 | 7 | 41 | 5 | 8 | 14 |
| | CLAY | 12,636 | 4.2 | 0.0 | 4,677 | 4 | 44 | 5 | 7 | 15 |
| | CLEBURNE | 10,996 | 6.2 | 27.3 | 4,199 | 5 | 54 | 3 | 4 | 16 |
| | COFFEE | 34,872 | - 0.1 | 58.0 | 12,705 | 6 | 23 | 8 | 9 | 20 |
| | COLBERT | 49,632 | 0.9 | 58.0 | 17,515 | 6 | 32 | 6 | 8 | 21 |
| | CONECUH | 15,645 | 0.8 | 25.1 | 5,287 | 6 | 39 | 7 | 8 | 17 |
| | COOSA | 10,662 | 4.1 | 0.0 | 3,969 | 5 | 47 | 5 | 7 | 14 |
| | COVINGTON | 34,079 | 2.6 | 56.9 | 13,440 | 6 | 35 | 5 | 6 | 12 |
| | CRENSHAW | 13,188 | 5.2 | 0.0 | 4,659 | 5 | 32 | 5 | 8 | 12 |
| | CULLMAN | 52,445 | 10.3 | 24.0 | 19,409 | 8 | 32 | 7 | 6 | 11 |
| | DALE | 52,995 | - 15.7 | 62.2 | 11,205 | 6 | 17 | 6 | 8 | 24 |
| | DALLAS | 55,296 | 3.7 | 49.5 | 17,464 | 5 | 22 | 7 | 12 | 17 |
| | DE KALB | 41,981 | 16.1 | 20.1 | 14,533 | 9 | 38 | 4 | 5 | 11 |
| | ELMORE | 33,661 | 16.1 | 21.3 | 12,081 | 9 | 24 | 5 | 9 | 16 |
| | ESCAMBIA | 34,912 | 7.1 | 43.1 | 11,951 | 6 | 32 | 6 | 9 | 15 |
| | ETOWAH | 94,144 | 1.3 | 72.0 | 34,774 | 5 | 35 | 6 | 8 | 11 |
| | FAYETTE | 16,252 | 3.3 | 29.1 | 6,162 | 7 | 46 | 4 | 6 | 12 |
| | FRANKLIN | 23,933 | 9.8 | 32.6 | 8,650 | 6 | 41 | 5 | 6 | 14 |
| | GENEVA | 21,924 | 7.0 | 33.0 | 8,710 | 6 | 28 | 6 | 8 | 15 |
| | GREENE | 10,650 | - 3.4 | 26.3 | 2,877 | 8 | 19 | 9 | 11 | 22 |
| | HALE | 15,888 | - 3.1 | 21.2 | 4,402 | 8 | 28 | 8 | 11 | 22 |
| | HENRY | 13,254 | 8.0 | 42.9 | 4,885 | 10 | 28 | 5 | 9 | 16 |
| | HOUSTON | 56,574 | 22.5 | 64.9 | 22,897 | 8 | 21 | 5 | 9 | 13 |
| | JACKSON | 39,202 | 18.2 | 31.3 | 14,379 | 9 | 42 | 5 | 5 | 16 |
| | JEFFERSON | 644,991 | 0.2 | 88.4 | 248,269 | 5 | 24 | 6 | 9 | 13 |
| | LAMAR | 14,335 | 9.9 | 0.0 | 5,598 | 10 | 46 | 3 | 3 | 13 |
| | LAUDERDALE | 68,111 | 7.9 | 50.0 | 25,073 | 7 | 28 | 7 | 8 | 20 |
| | LAWRENCE | 27,281 | 1.4 | 0.0 | 9,494 | 13 | 36 | 5 | 6 | 17 |
| | LEE | 61,268 | 12.3 | 68.2 | 23,762 | 4 | 29 | 20 | 9 | 27 |
| | LIMESTONE | 41,699 | 4.3 | 34.4 | 15,345 | 9 | 26 | 7 | 8 | 23 |
| | LOWNDES | 12,897 | 0.1 | 0.0 | 3,464 | 16 | 16 | 8 | 11 | 21 |
| | MACON | 24,841 | 4.0 | 44.4 | 7,486 | 7 | 12 | 23 | 10 | 32 |
| | MADISON | 186,540 | - 1.6 | 78.6 | 70,481 | 4 | 23 | 8 | 9 | 31 |
| | MARENGO | 23,819 | - 1.6 | 43.5 | 7,703 | 5 | 36 | 6 | 11 | 15 |
| | MARION | 23,788 | 14.6 | 26.5 | 8,965 | 5 | 50 | 4 | 5 | 12 |
| | MARSHALL | 54,211 | 9.1 | 48.5 | 20,099 | 7 | 32 | 4 | 7 | 18 |

Figure 9. Example of Economic Profile Table in Appendix G

that resides within an urbanized area; an urbanized area as defined by the Bureau of the Census (BOC) contains residential, commercial, or industrial developments, but does not necessarily correspond to the boundaries of incorporated municipalities.

The fifth column (Civilian labor force) shows the number of nonmilitary persons residing in the county who were known to be employed as of the 1970 Census of population. Subsequent columns show the percentage distribution of the labor force in selected types of economic activity: construction (CONS), manufacturing (MFG), education (EDU), services (SVC), and government (GOV). Because all types of employment were not listed, these columns do not total 100 percent.

The sectors of the economy that are listed in census data are the most significant sources of employment data nationwide, but they do not necessarily encompass all forms of employment in every county. The construction (CONS) sector is of special interest because a high proportion of employment in this industry may indicate the influx of new or expanded industrial plants which could be affected by the PSD program requirements. The manufacturing (MFG) sector is of interest because it provides some indication of the industrial development which is already located in the area. In some instances, census data may not reflect the actual economic activity within the county, because persons residing in one county may be commuting to employment in a different county which would not be reflected in the above data.

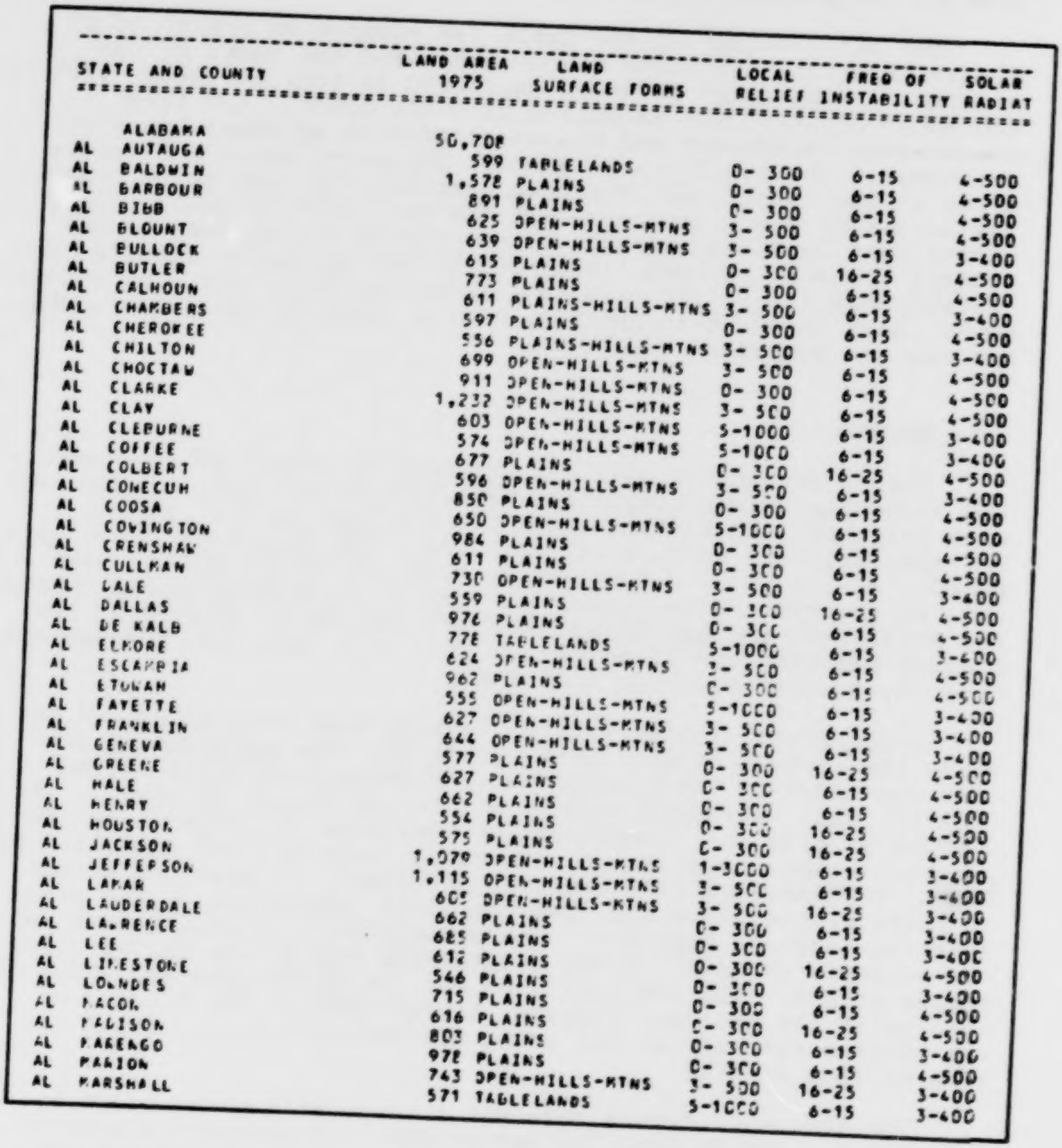
One indicator alone may not be sufficient to characterize the level of economic activity in a county. Where two or three indicators in combination suggest a high level of economic activity, then it is very likely that development is taking place. For example, the profile for Mohave County, Arizona, shows a high growth rate (44.5%) suggestive of a high degree of development, even though the 1970 population is only 25,857. With 9,512 persons in the work force, a reasonable proportion (36.8%) of persons is employed; relatively high proportions are in construction (19%), services (11%), and government (16%). A glance at a state map shows Mohave County to be a large rural county in western Arizona with no large towns or cities. It contains some Federal lands such as the Lake Mead National Recreation Area, and it is near the Grand Canyon National Park. The economic profile shows Mohave County to be a growing rural county, even though its population level did not suggest any major development at the time of reporting. However, some major power facilities are located in this area which could cause the area to be significantly impacted by the PSD program if additional units to these facilities would be proposed.

The table entitled "Topographical and Meteorological Profiles of Counties" in Appendix H may be used as a rough guide to identify areas that have a potential for air pollution problems if a high level of emissions are present in the county. The first column (Figure 10) lists the names of the States, their two-letter zip codes, and counties within each State. The second column gives the area of the county in square miles. Column 3 (Land surface forms) is a brief statement of the general topography of the county. The term "plains" generally indicates land with little change in elevation and land that is expected to be well ventilated. The terms "plains-hills-mountains (mtns)" and "hills-mountains" indicate increasingly varied topography with increased opportunities to trap localized pollutants within valleys or ravines. "Open hills" refers to a lack of vegetation; this land may or may not affect ventilation. The fourth column (Local relief) is another indicator of the variety or contrast in local terrain; this indicator describes the difference between the highest and lowest elevations (feet) in the county. Each county is classified as 0-300, 300-500, 500-1000, 1000-3000, 3000-5000, or 5000 + feet. The fifth column (Frequency of instability) refers to the Pasquill stability classes, which are commonly used to calculate the dispersion of gaseous pollutants from sources of pollution; in these tables, instability means Pasquill stability classes A and B, which are frequently associated with good dispersion. Each county is classified according to the proportion of days when "unstable" conditions occur: 6-15, 16-25, or 26-35 percent. The last column (Radiat) lists the intensity of solar radiation in langleys (1 langley is equivalent to 1 gram-calorie per square centimeter of irradiated surface.) Solar radiation is a significant factor in the formation of $O_3$.

In addition to the information presented in the fifth column Figures H-1 and H-2 present information on the percent frequency of neutral and stable conditions across the United States. These maps provide an indication of where poor dispersion is expected to occur. Figure H-3 also provides an indication of the dispersion characteristics for an area, as it presents the percentage of all 1115 GMT soundings with a surface based or elevated inversion below 3000 M AGL. Also included in Appendix H is a map (Figure H-4) which presents the mean number of days with maximum temperature of 90°F or above. This data provides some additional information regarding those areas where ozone formation is likely to occur. Maps showing the counties for all 50 states are included in Appendix H so that the information presented in Figures H-1 to H-4 can be interpretated on an individual county basis if desired.

The profiles and the maps were taken from various summaries of data at the national level. Accuracy varies from good to poor. The profiles can provide only a first-order review; a more detailed study must be conducted for individual counties before any decisions can be made regarding the impact that future regulatory requirements will have on a particular area.

The table in Appendix I entitled "Emission Profiles of Counties" can be used to review the levels of VOC, $NO_x$, and CO emissions across the country. The present emissions represent a



| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| ALABAMA | 50,708 | | | | |
| AL AUTAUGA | 599 | TABLELANDS | 0- 300 | 6-15 | 4-500 |
| AL BALDWIN | 1,578 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL BARBOUR | 891 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL BIBB | 625 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL BLOUNT | 639 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL BULLOCK | 615 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL BUTLER | 773 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL CALHOUN | 611 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL CHAMBERS | 597 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL CHEROKEE | 556 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL CHILTON | 699 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL CHOCTAW | 911 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| AL CLARKE | 1,232 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL CLAY | 603 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 4-500 |
| AL CLEBURNE | 574 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 4-500 |
| AL COFFEE | 677 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL COLBERT | 596 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AL CONECUH | 850 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL COOSA | 650 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| AL COVINGTON | 984 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL CRENSHAW | 611 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL CULLMAN | 730 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL DALE | 559 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL DALLAS | 976 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AL DE KALB | 778 | TABLELANDS | 5-1000 | 6-15 | 4-500 |
| AL ELMORE | 624 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL ESCAMBIA | 962 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL ETOWAH | 555 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 4-500 |
| AL FAYETTE | 627 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL FRANKLIN | 644 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL GENEVA | 577 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AL GREENE | 627 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL HALE | 662 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL HENRY | 554 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL HOUSTON | 575 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL JACKSON | 1,079 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 4-500 |
| AL JEFFERSON | 1,115 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL LAMAR | 605 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AL LAUDERDALE | 662 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL LAWRENCE | 685 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL LEE | 612 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AL LIMESTONE | 546 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL LOWNDES | 715 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL MACON | 616 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AL MADISON | 803 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL MARENGO | 978 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL MARION | 743 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AL MARSHALL | 571 | TABLELANDS | 5-1000 | 6-15 | 4-500 |

Figure 10. Example of Topographical and Meteorological Profile Table in Appendix H

base level which should not increase significantly if deterioration of the present air quality is to be prevented.

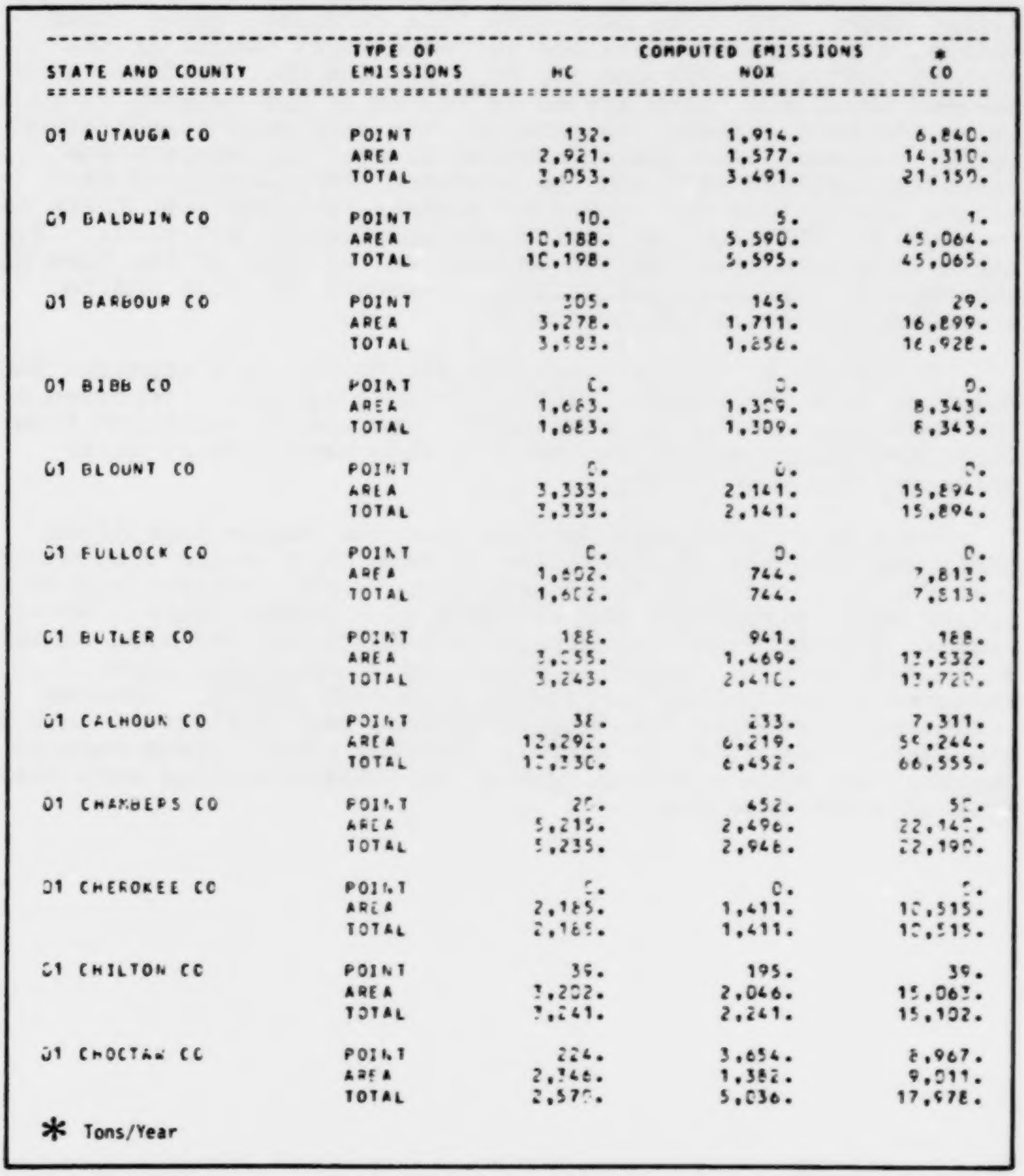
The first column of the table (an example is presented in Figure 11) lists the State SAROAD codes and the names of the counties. Subsequent columns, expressed in tons per year, list the total point-source emissions from the county, the total area-source emissions, and the total of both of these types of emissions. The point-source entries represent the sum of emissions in the county that has been computed for each point-source. The area-source entries represent the estimates of smaller less significant emission sources. The accuracy of all data is dependent the accuracy and timeliness of the estimates reported to the National Aerometric Data Bank (NADB) by local units of government. Also included in Appendix I is a table of the State alphabetical and numerical codes.

## 3.6 METHODOLOGY

The processing of data, the drawing of maps, and the compiling of tables were accomplished with the UNIVAC 1110 computer and with peripheral facilities available through the U.S. EPA at Research Triangle Park, North Carolina. The maps were drawn by a plotter device using a computer program called US-SHADE. Base data on computer tapes, discs, or card files were obtained through the Strategies and Air Standards Division (SASD), Office of Air Quality Planning and Standards (OAQPS), U.S. EPA, and through the computer programming aids from SASD.

COBOL programs were written to read base data files and to write the reports called County Profiles. The programming process was aided by the symbolic stream generators (SSG) called COMPILE, that were developed by Mr. George Duggan of SASD.$^{3}$ The COMPILE program is a comprehensive runstream for expediting the precompilation, compilation, debugging, mapping, and execution of COBOL, FORTRAN, and PL-1 computer programs. It provides access to three precompilers and five compilers, depending on the programming language employed. The precompiler for this report was the SCORE-IV system;$^{4}$ it was adapted for use on the UNIVAC 1100 series at EPA. The compiler used was the @ACOB program, which is on-line at the National Computer Center (NCC). The mapping of the program was carried out using the @MAP processor, which is also on-line at NCC.

The source of census data was a computer tape compiled by BOC and obtained by SASD for use at EPA. It contains a county-by-county summary of population, economic, housing, employment, and other data collected by the Bureau from 1947 to 1975. It includes data from census of population, census of manufacturing, and interim surveys. Each county record contains 1,354 items of data represented by 10,380 symbolic characters on the magnetic tape, one record for each of the 3,145 counties plus States and special districts. The definition of this file, written by



```
-------------------------------------------------------------------------------
                          TYPE OF                 COMPUTED EMISSIONS       *
STATE AND COUNTY          EMISSIONS       HC              NOX              CO
===============================================================================

01 AUTAUGA CO             POINT          132.           1,914.          6,840.
                          AREA         2,921.           1,577.         14,310.
                          TOTAL        3,053.           3,491.         21,150.

01 BALDWIN CO             POINT           10.               5.              1.
                          AREA        10,188.           5,590.         45,064.
                          TOTAL       10,198.           5,595.         45,065.

01 BARBOUR CO             POINT          305.             145.             29.
                          AREA         3,278.           1,711.         16,899.
                          TOTAL        3,583.           1,856.         16,928.

01 BIBB CO                POINT            0.               0.              0.
                          AREA         1,683.           1,309.          8,343.
                          TOTAL        1,683.           1,309.          8,343.

01 BLOUNT CO              POINT            0.               0.              0.
                          AREA         3,333.           2,141.         15,894.
                          TOTAL        3,333.           2,141.         15,894.

01 BULLOCK CO             POINT            0.               0.              0.
                          AREA         1,602.             744.          7,813.
                          TOTAL        1,602.             744.          7,813.

01 BUTLER CO              POINT          188.             941.            188.
                          AREA         3,055.           1,469.         13,532.
                          TOTAL        3,243.           2,410.         13,720.

01 CALHOUN CO             POINT           38.             233.          7,311.
                          AREA        12,292.           6,219.         59,244.
                          TOTAL       12,330.           6,452.         66,555.

01 CHAMBERS CO            POINT           20.             452.             50.
                          AREA         5,215.           2,496.         22,140.
                          TOTAL        5,235.           2,948.         22,190.

01 CHEROKEE CO            POINT            0.               0.              0.
                          AREA         2,185.           1,411.         10,515.
                          TOTAL        2,185.           1,411.         10,515.

01 CHILTON CO             POINT           39.             195.             39.
                          AREA         3,202.           2,046.         15,063.
                          TOTAL        3,241.           2,241.         15,102.

01 CHOCTAW CO             POINT          224.           3,654.          8,967.
                          AREA         2,346.           1,382.          9,011.
                          TOTAL        2,570.           5,036.         17,978.
```

* Tons/Year

Figure 11. Example of Emission Profile Table in Appendix I

Mr. Duggan of SASD, was used in writing five programs for accessing the file.[3]

The source of data on county emissions was the NADB computer files, OAQPS, EPA. The NEDS-USER file contains, among other things, the computed emissions for each point source in the country that emits TSP and $SO_2$ $NO_x$, HC, and CO. As data on Pb becomes available, they are to be stored in the HATREMS file, using the NEDS format. In general, the data were submitted by local, regional, and State agencies to NADB for storage and retrieval between 1972 and the present. The quality of data varies widely from one agency to another; in addition, there is no regular, thorough, or consistent updating of all files. Since there were more than 200,000 entries in the file at the time of the report, a program was written to access the file and to summarize point sources by county.

Estimates of area sources are maintained in a separate NADB computer file, NEDS-AREA. The pollutants currently reported are the same as those in the NEDS-USER. The sum of emissions from these two files represents the available estimates of total emissions for each county.

Data on terrain were derived from the census tape (land area) and from the interpolation of base data of the U.S. Geological Survey.[5] Data on solar radiation, local terrain, and local relief were interpreted and recorded in computer files. Meteorological data on stability were interpreted from the maps contained in Reference 6. Pasquill stability classes were used as rough measures of air pollution potential in each county. However, the relationship between the interpretations made for each county and the factual observations varies. In many cases, there were no observations made within a county, so interpretations were taken from adjacent counties.

# SECTION 4

# SOURCES SUBJECT TO POTENTIAL REGULATION

The question of which sources may be subject to review and what is their relative air quality and emission impacts are the major topics for this section.

## 4.1 SOURCES SUBJECT TO CURRENT REGULATIONS

Section 165 of the Act requires that all new or modified major emitting facilities or stationary sources must undergo a preconstruction review and receive a PSD preconstruction permit. A "major emitting facility" is defined in Section 169 of the Act as any of the following 28 categories of stationary sources which emit or have the potential to emit 100 tons per year or more of any air pollutant regulated under the Act:

> Fossil-fuel-fired steam electric plants of more than two hundred and fifty million British thermal units per hour of heat input;
>
> coal-cleaning plants (thermal dryers);
>
> Kraft pulp mills;
>
> Portland cement plants;
>
> primary zinc smelters;
>
> iron and steel mill plants;
>
> primary aluminum ore reduction plants;
>
> primary copper smelters;
>
> municipal incinerators capable of charging more than two hundred and fifty tons of refuse per day;
>
> hydrofluoric acid plants;
>
> sulfuric acid plants;

nitric acid plants;

petroleum refineries;

lime plants;

phosphate rock processing plants;

coke oven batteries;

sulfur recovery plants;

carbon black plants (furnace processes);

primary lead smelters;

fuel conversion plants;

sintering plants;

secondary metal production facilities;

chemical process plants;

fossil-fuel boilers of more than two hundred and fifty million British thermal units per hour of heat input;

petroleum storage and transfer facilities with a capacity exceeding three hundred thousand barrels;

taconite ore processing facilities;

glass-fiber processing plants; and

charcoal production facilities.

The term "major emitting facility" also includes any other source with the potential to emit 250 tons per year of any air pollutant. This term shall not include any new or modified sources which are nonprofit health or educational institutions that may be exempted by a State.

## 4.2 TYPICAL SIZES OF SOURCES

A literature review was undertaken to obtain data on the typical or average sized facilities which may be associated with each of the 28 source categories subject to PSD review and with several other potential major sources of VOC, CO, $NO_x$, and Pb. The results of this review are summarized in Table 1.

TABLE 1. TYPICAL SIZE FACILITIES

| Source category | Size tons per year | Emission estimates tons/year | | | |
|---|---|---|---|---|---|
| | | VOC | CO | $NO_x$ | Pb |
| Coal-cleaning plants (thermal dryers)** | [2] 200-300 tons per hour | | | | |
| Power plants, >250 x $10^6$ Btu/h** | [1] 500-1000 MW | | 1,800-3,600 | 19,400-20,800 | |
| Kraft pulp mills** | [2] 700 tons per day | 46 | 255 | 67 | |
| Portland cement plants** | [3] 1 x $10^3$ $\frac{MT}{DAY}$ | | | 679 | |
| Primary zinc smelters** | [11] 100 x $10^3$ | | | | 135 |
| Iron and steel mill plants (electric arc)** | [4] 30 x $10^3$ | | 270 | 3 | |
| Primary aluminum ore reduction plants** | [14] 850 x $10^3$ | | | | |
| Primary copper smelters** | [10] 500 x $10^3$ | | | | 260 |
| Municipal incinerator, >250 tons/day** | [2] 32 x $10^3$ | 24 | 560 | 42 | |
| Hydrofluoric acid plants | [2] 10 x $10^3$ bbl per day | 69 | 7 | 83 | |
| Sulfuric acid plants** | [7] 700-750 tons per day | | | | |
| Nitric acid plants** | [7] 300 tons per day | | | 110 | |
| Petroleum refineries** | [4] 21 x $10^6$ bbl per year | 161 | 731 | 4,481 | |
| Lime plants** | [8] 180 x $10^3$ $\frac{MT}{YR}$ | | | | |
| Phosphate rock processing plants* | [13] 2 x $10^6$ | | | | |

(continued)

TABLE 1 (continued)

| Source category | Size tons per year | Emission estimates tons/year VOC | CO | $NO_x$ | Pb |
|---|---|---|---|---|---|
| Coke oven batteries (by product)* | [4] 720 x $10^3$ | 151 | 961 | 11 | |
| Sulfur recovery | [16] 100 tons per day | | | | |
| Carbon black plants (furnace processes) | [4] 63 x $10^3$ | 3 | 88 | | |
| Primary lead smelters** | [12] 100 x $10^3$ | | | | 250 |
| Secondary metal production facilities (grey iron foundry)* | [4] 90 x $10^3$ | | 360 | | |
| Chemical process plants* | | | | | |
| Acetic acid | [4] 230 x $10^3$ | 17 | 5 | | |
| Phenol | [4] 117 x $10^3$ | 3 | <1 | | |
| Phthalic anhydride | [4] 65 x $10^3$ | 3 | 33 | | |
| Adipic acid | [4] 113 x $10^3$ | 24 | 6 | 91 | |
| Maleic anhydride | [4] 20 x $10^3$ | 26 | 156 | | |
| Formaldehyde | [4] 50 x $10^3$ | 2 | 4 | | |
| Acrylonitrile | [4] 74 x $10^3$ | 293 | 297 | | |
| Polyethylene | [4] 91 x $10^3$ | 27 | | 512 | |
| Styrene | [4] 338 x $10^3$ | 27 | | 1 | |
| Synthetic fiber | [4] 40 x $10^3$ | 7 | | | |
| Ethylene | [4] 550 x $10^3$ | 91 | | | |
| Industrial boilers, >250 x $10^6$ Btu/h** | 500-1000 MW | | 1,800-3,600 | 10,400-20,800 | |
| Petroleum storage/transfer facilities >300,000 bbl** | [9] 300 x $10^3$ bbl per year | | | | |
| Taconite ore processing facilities | | | | | |
| Glass-fiber processing plants* | [4] 41 x $10^3$ | 43 | 46 | 32 | |
| Charcoal production facilities | [4] 2 x $10^3$ | 4 | 29 | | |

(continued)

TABLE 1 (continued)

| | | Emission estimates tons/year | | | |
|---|---|---|---|---|---|
| Source category | Size tons per year | VOC | CO | $NO_x$ | Pb |
| Sintering plants** | [15] 11.5 x $10^3$ | | | | |
| Fuel conversion plants** | [4] 788 x $10^3$ | 2,680 | | | |
| Pipeline engines | [4] 4 x $10^3$ | | | 30 | |
| Oil and gas extraction | [4] 623 x $10^3$ | 26 | | | |
| Asphalt (blowing) | [4] 33 x $10^3$ | 3 | | | |

*On Aug. 21, 1979, NSPS priority list.
**NSPS promulgated.

NOTE: Emission estimates for Pb were available only for primary smelters; copper (260), lead (250), zinc (135) in tons/year.

Sources: References 1-4 and 7-16.

The emission estimates for the categories in Table 1 were based on those emissions that would be permitted under (1) existing New Source Performance Standards (NSPS) requirements, (2) future NSPS requirements (where none currently exist), or (3) BACT requirements as a result of the current PSD program for TSP and $SO_2$. The data on BACT were obtained from the BACT/LAER clearinghouse[5] and from those PSD permits which have been issued to date by EPA Regions III and IV.[2] Future NSPS limits currently under development should represent the best control technology currently available and should represent a reasonable approximation of (for the purposes of this study) the emissions that one might expect from a typical sized facility meeting the BACT requirements. The NSPS emission factors or estimates were obtained from a study used to establish the priorities for setting NSPS's under the 1977 amendments to the Act.[6]

## 4.3 SOURCE SIZES DICTATED BY AIR QUALITY CONSTRAINTS

Since increments have been established for TSP and $SO_2$ for Classes I, II, and III (Table 2), calculations have been performed to estimate the size of facilities which may be constructed in a Class II area (i.e., moderate growth) without violating the applicable increment for TSP or $SO_2$ (whichever is the most restrictive). Some of these estimates were used to evaluate the impacts of the Class II increments which were under consideration by the Congress in their deliberations regarding PSD in 1976 and 1977 and in the passage of the 1977 amendments to the Act.[17-20]

Various air quality dispersion models were used to estimate the air quality impacts of typical size facilities considering certain source parameters such as stack height and velocity, source location and configuration, along with specific meteorological conditions and topographical features. These impact estimates were then used to determine the maximum size of facility which could be constructed and operated within a Class II area. The estimates are not absolute numbers since the specific impact associated with any particular source will vary greatly from area to area; however the estimates do provide a relative size range of sources which may be permitted to locate in a Class II area with flat terrain. Hilly or mountainous areas would further limit the size of source which may be built without causing a violation of Class II increment.

In addition to the evaluations associated with the 1977 amendments, some evaluations have been completed for several policy alternatives for PSD in Illinois.[21] The air quality impacts of several source categories were evaluated in several areas in Illinois using the Climatological Dispersion Model

TABLE 2. AIR QUALITY INCREMENT

| | Class I | | Class II | | Class III | |
|---|---|---|---|---|---|---|
| | TSP | $SO_2$ | TSP | $SO_2$ | TSP | $SO_2$ |
| Annual geom. mean | 5 | | 19 | | 37 | |
| Annual arith. mean | | 2 | | 20 | | 40 |
| 24-h maximum | 10 | 5 | 37 | 91 | 75 | 182 |
| 3-h maximum | | 25 | | 512 | | 300 |

(CDM), the Gaussian-Plume Multiple-Source Air Quality Algorithm (RAM), and a modification of the rural version of RAM (RAMR). A discussion of these models is found in Appendix C of Reference 8. As with the evaluations associated with the 1977 amendments, certain technical data were assumed for each source to estimate the highest and second highest TSP and $SO_2$ air quality concentrations.

The last set of data used in estimating the maximum size of facility that may be located within a Class II area without violating the increment was the PSD permits which have been issued to date. PEDCo extensively reviewed the PSD permits issued to date for Regional Offices III-X and found a number of applications and/or permits that specified the maximum air quality impact associated with a specific source.[2] While these data were only applicable to the particular source and to the area where it is planning to locate, the data did provide estimates of the maximum sizes of facility which could be located within an area without violating the increment.

In cases where the data did not specify the source size that could be located within a Class II area, PEDCo increased the size of the facility in proportion to its estimated impact for either the 24- or 3-hour increment, depending on which averaging time would be the most restrictive. This technique has its limitations because the air quality impact of a source is not necessarily proportional to its size. A larger source with more emissions could in many cases have a proportionally higher flow rate than a smaller source. As a result, the estimated maximum concentration (using the above technique) may be overly conservative, and a larger facility could be constructed without violating the Class II increments. Still, this technique does provide first-order estimates of the maximum size of facility that could be constructed in a Class II area. These estimates are especially useful in determining whether a typical size facility may have problems locating in a Class II area.

The results of the above analysis are presented in Table 3. The emissions estimates are based on future NSPS limits or BACT levels contained in the PSD permits issued to date. As shown in

## TABLE 3. SIZES OF SOURCES THAT COULD BE CONSTRUCTED WITHIN CLASS II AREAS

| Source category | Size tons/year | Emission estimates - tons/year | | | |
|---|---|---|---|---|---|
| | | VOC | CO | $NO_x$ | Pb |
| Coal-cleaning plants (thermal dryers) | [21]840 tons/h | | | | |
| Power plants, >250 x $10^6$ Btu/h | [22]1000-2500 MW | | 3600-9000 | 20,800-52,000 | |
| Kraft pulp mills | [18]2000 tons/day | 131 | 657 | 172 | |
| Portland cement plants | [22]238,000 $\frac{\text{MT}}{\text{DAY}}$<br>(1.4 x $10^6$ bbl/day) | | | 124,000 | |
| Primary zinc smelters | [22]135,000 | | | | 40,519 |
| Iron and steel mill plants | [21]9125 x $10^3$ (strip mill) | | 82,125 | 912 | |
| Primary copper smelter | [18]547 x $10^3$ | | | | 165 |
| Municipal incinerator >250 tons/day | [2]88,800 | 67 | 1554 | 119 | |
| Hydrofluoric acid plants | [2]10,000 bbl/day | 69 | 7 | 83 | |
| Sulfuric acid plants | [18]1440 tons/day | | | | |
| Petroleum refineries | [18]219 x $10^6$ BPY (eastern) | 1643 | 7446 | 45,661 | |
| Lime plants | [2]121 x $10^3$ $\frac{\text{MT}}{\text{YR}}$ | | | | |
| Phosphate rock processing plants | [23]5 x $10^6$ | | | | |
| Coke oven batteries (byproduct) | [21]44 x $10^6$ (tons/day) | 9198 | 58,473 | <1 | |

(continued)

TABLE 3. (continued)

| Source category | Size tons/year | Emission estimates - tons/year | | | |
|---|---|---|---|---|---|
| | | VOC | CO | $NO_x$ | Pb |
| Sulfur recovery | [22]10,000 (tons/day) | | | | |
| Carbon black plant (furnace processes) | [24]6.19 x $10^3$ | <1 | 9 | | |
| Industrial boilers >250 x $10^6$ Btu/h | [22]1000-2500 MW | | 3600-9000 | 20,800-52,000 | |
| Glass-fiber processing plants | [25]1350 x $10^3$ | 1418 | 1512 | 1060 | |
| Sintering plants | [21]36.5 x $10^3$ (tons/day) | | 29,711 | | |
| Fuel conversion | 10,200 x $10^3$ | | | | |
| Oil shale | [22]188,000 (bbl/day) | | | | |
| Coal gasification | [21]900-1000 MMCFD | | | | |

Table 3, a number of source categories will emit only a relatively small amount of VOC, CO, $NO_x$, or Pb for these sizes of facilities. As a result, the associated air quality impacts for these pollutants are expected to be relatively small and in many cases the TSP and $SO_2$ increments represent the air quality levels that are expected to dictate the amount of growth that would be permitted for these sources. While a number of source categories are estimated to only emit relatively small amounts of VOC, CO, $NO_x$ and Pb, others (e.g. power plants, zinc smelters, petroleum refineries, coke ovens, sintering plants) are estimated to emit significantly larger amounts. However, the air quality impact resulting from the VOC, CO, $NO_x$ and Pb emissions may be proportionally lower than the expected TSP and $SO_2$ impact, therefore the TSP and $SO_2$ increments may still represent the air quality levels that are expected to dictate the amount of growth that would be permitted for these sources.

Table 4 was developed for selected source categories which emit TSP and $SO_2$ as well as VOC, CO, and $NO_x$ and for which projected TSP or $SO_2$ 24-hour concentrations were available. These data were used to relate the ambient impact of TSP or $SO_2$ to an estimated ambient impact for $O_3$, $NO_x$, or CO. This was accomplished by: using the ratio of the emissions for VOC, $NO_x$, and CO to either the TSP or $SO_2$ emissions; then multiplying by the maximum 24-hour TSP or $SO_2$ concentration, respectively; and converting the 24-hour average to the averaging time for the NAAQS for that pollutant, using the following equation:[26]

$$X_s = X_k \left(\frac{t_k}{t_s}\right)^p$$

where

$X_s$ = desired concentration estimate for a given time $t_s$,

$X_k$ = concentration estimate for the shorter averaging time $t_k$,

$p$ = 0.17

This equation permits the 24-hour concentration for various pollutants to be converted to the appropriate averaging time of the respective standard. The equation is not valid for averaging times longer than 24 hours, so the numbers generated for converting the 24-hour $NO_2$ level to an annual average are highly suspect. Additionally, the air quality concentrations estimated for $O_3$ and $NO_2$ are based on the assumption that all of the VOC and $NO_x$ is converted to $O_3$ and $NO_2$ respectively and that no interaction takes place. Therefore, the estimates contained in Table 4 should in no way be construed as absolute values but more as first-order estimates of the relative air quality impacts of these pollutants.

While detailed dispersion modeling was outside the scope of this effort, specific modeling studies can and should be done to obtain more realistic estimates of the $O_3$, $NO_2$, and CO air quality impacts of these sources.

If the same ratio which currently exists for the 24-hour increment (as compared to the 24-hour standard for TSP and $SO_2$) were to be used in establishing the PSD increments for $O_3$, CO, and $NO_2$, the increments could be represented by the following values:

| $O_3$ | CO | $NO_2$ |
|---|---|---|
| 1 hr | 8 hr | |
| 59 $\mu g/m^3$ | 2.5 $mg/m^3$ | 2.5 $\mu g/m^3$* |

*Ratio of increment to annual TSP standard.

If one compares these numbers to those in Table 4 (keeping in mind the above limitations with respect to the increment values and the estimated air quality concentrations), the TSP and $SO_2$ air quality increments would represent the binding constraints for future growth if significant deterioration for $O_3$, CO, and $NO_2$ were defined as the above-assumed increments for $O_3$, $NO_2$, and CO with few exceptions (most noticeably for $NO_x$, which has the most severe limitation regarding the air quality estimates).

## TABLE 4. EMISSION AND AIR QUALITY LEVELS ASSOCIATED WITH MAXIMUM SIZE FACILITIES THAT COULD BE CONSTRUCTED WITHIN CLASS II AREAS

| Source category | Size t/yr | Tons/year of emissions (concentration in μg/m$^3$) | | | | | |
|---|---|---|---|---|---|---|---|
| | | TSP[a] | VOC[b] | CO[c] | NO$_x$[d] | Pb | SO$_2$[a] |
| Coal cleaning plants (thermal dryers | [21]840 TPH | | | | | | |
| Power plants >250 x $10^6$ Btu per hour | [2] 1,200 MW | 1,500<br>(5.5) | | 4,324<br>(0.02) | 25,000<br>(33) | | 42,000<br>(89) |
| Kraft pulp mills | [22]2,000 TPD | | 131<br>(38.3) | 657<br>(0.13) | 172<br>(16.9) | | 584<br>(91) |
| Iron and steel (strip mill) | [21]9,125 x $10^3$ | | | 82,125<br>(1.2) | 912<br>(6.6) | | 7,932<br>(91) |
| Municipal incinerator >250 TPD | [2]88,800 | 62<br>(37) | 67<br>(74) | 1,554<br>(1.2) | 119<br>(44.7) | | |
| Hydrofluoric acid plants | [2]10,000 BPD | 7<br>(37) | 69<br>(1,143) | 7<br>(0.07) | 83<br>(460) | | 10<br>(91) |
| Petroleum refineries | [21]600,000 BPD*<br>(136,000 BPD) | 372<br>(18.5) | 1,688<br>(0.06) | 10,350<br>(172) | | | 3,446<br>(91) |
| Lime plants | [2] 121 x $10^3$ MT/YR | 50<br>(37) | | | | | 30<br>(22) |
| Coke ovens | [21] 44 x $10^6$ | 2,202<br>(37) | 9,198<br>(291) | 58,473<br>(1.2) | 657<br>(7) | | |
| Carbon black | [24]6.19 x $10^3$ | 4<br>(37) | 313<br>(260) | 8,649<br>(7.2) | 5<br>(6.4) | | 1 |
| Sintering plants | [21]36.5 x $10^3$ TPD | | | 29,711<br>(0.4) | | | 7,932<br>(91) |
| Fuel conversion | | | | | | | |
| Coal gasification | [27]250 x $10^6$ Btu per day | | | 8<br>(1) | | | 258 |

[a] Second maximum 24-hr concentration

[b] Second maximum 1-hr $O_3$ concentration

[c] Second maximum 8-hr (mg/m$^3$)

[d] Annual average concentration

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# SECTION 5

# CONSEQUENCES OF NO FURTHER REGULATORY ACTION

Two parts of the PSD program are outlined in the Act. The first involves appling BACT and the second involves demonstrating that a new or modified source would not cause or contribute to any significant deterioration of air quality. For TSP and $SO_2$, both parts of the program are outlined in considerable detail; for VOC or HC, $O_3$, $NO_x$, CO, and Pb, the second part has yet to be developed.

Under Section 165(a)(4) of the Act no major emitting facility may be constructed in any area unless it is subject to BACT for each pollutant regulated under the Act. Under Title II, Section 202 of the Act, the EPA Administrator is given the authority to establish emission standards applicable to any air pollutant from any class of new motor vehicles or new motor vehicle engines which may cause or contribute to air pollution or which may endanger public health or welfare.

The Administrator has promulgated regulations (Table 5) which require light-duty vehicles to meet, within a specified time, standards for CO, HC, and $NO_x$. The Administrator has also promulgated (1973) regulations to reduce the amount of Pb in gasoline and has scheduled a phasedown program to take affect in 1975 and to gradually reduce the Pb content in gasoline to 0.5 g/gal by the end of 1979. (These regulations were challenged and finally upheld by a Federal appeals court in 1976.) The impact of this phasedown program was assessed in a 1975 study (Table 6).[1] The later projections of the Pb content of gasoline were based on sales of leaded and unleaded gasoline (Table 7).[2]

Nationwide, approximately 82%, 41%, 45%, and 88% for CO, VOC, $NO_x$, and Pb respectively are from motor-vehicle-related sources. These sources are, for the most part, controlled by FMVCP; because of the voluminous emissions from motor vehicles, the FMVCP will have a major impact along with the BACT requirement in preventing significant deterioration.

## 5.1 RATIONALE FOR THE BASE CASE SCENARIO

The requirements of BACT, the FMVCP, and the phasedown program for Pb are applicable independently of the PSD requirements for preconstruction review of sources. Since the major sources are motor vehicle related and since BACT represents a case-by-case assessment for determining the best technology currently available for the few stationary sources that contribute to VOC, CO, $NO_x$, and Pb emissions, BACT and FMVCP represent the basis of PSD program for VOC, CO, $NO_x$, and Pb; thus they can be referred to as the base case PSD scenario upon which further regulatory action could be required if needed. To determine how effective such a base case scenario (BACT and FMVCP) might be, PEDCo analyzed the impact on $O_3$, CO, and $NO_2$ air quality levels in several AQCRs if no further regulatory actions were taken.

TABLE 5. FEDERAL STANDARDS FOR LIGHT-DUTY MOTOR VEHICLES, 1968-1983
(g/mi measured by constant-vol sampling, cold/hot-start tests)

| | Exhaust emissions | | |
|---|---|---|---|
| | HC | CO | $NO_x$ |
| Pre-68 (uncontrolled car) | 8.70 | 87.0 | 4.0 |
| 1968-69 | 5.90 | 50.8 | NR[a] |
| 1970-71 | 3.90 | 33.3 | NR |
| 1972 | 3.00 | 28.0 | NR |
| 1973 | 3.00 | 28.0 | 3.1 |
| 1975-76[b] | 1.50 | 15.0 | 3.1 |
| 1977-79[b] | 1.50 | 15.0 | 2.0 |
| 1980[c] | 0.41[d] | 7.0 | 2.0 |
| 1981-82 | 0.41[c] | 3.4[d] | 1.0[e] |
| 1983[c] | 0.41 | 3.4 | 0.4[f] |

[a] NR - no requirement.

[b] Interim standards established in 1973 and later years.

[c] Levels established by 1977 amendments to the Clean Air Act.

[d] Original 1975 requirements of 1970 amendments to the Act.

[e] Subject to waiver for diesels and small manufacturers.

[f] Original 1976 requirements of 1970 amendments to the Act, to be implemented only if public health requires it; otherwise, standard is 1.0.

## TABLE 6. PROJECTED LEAD CONSUMPTION AND AMBIENT LEAD CONCENTRATION

| Year | Revised phasedown schedule,[a] gm/gal | Post-74 vehicles % | Probable pooled average,[b] gm/gal | Projected lead consumption,[c] $10^5$ short tons | Projected ambient lead,[d] $\mu g/m^3$ |
|---|---|---|---|---|---|
| 1977 | 1.0 | 38.5 | 1.00 | 1.64 | 0.96 |
| 1978 | 0.8 | 50.6 | 0.80 | 1.40 | 0.83 |
| 1979 | 0.8 | 61.4 | 0.80 | 1.20 | 0.72 |
| 1980 | 0.5 | 70.8 | 0.50 | 0.90 | 0.57 |
| 1981 | | 78.7 | 0.50 | 0.60 | 0.41 |
| 1982 | | 85.0 | 0.34 | 0.60 | 0.41 |
| 1983 | | 89.7 | 0.25 | 0.60 | 0.41 |
| 1984 | | 92.9 | 0.19 | 0.60 | 0.41 |
| 1985 | | 94.8 | 0.15 | 0.60 | 0.41 |
| 1986 | | 96.1 | 0.13 | 0.60 | 0.41 |
| 1987 | | 97.2 | 0.11 | 0.60 | 0.41 |
| 1988 | | 97.9 | 0.09 | 0.60 | 0.41 |
| 1989 | | 98.3 | 0.08 | 0.60 | 0.41 |
| 1990 | | 100.0 | 0.05 | 0.60 | 0.41 |

[a] Adjusted for the 1979 revision of the lead phasedown regulation.

[b] U.S. Environmental Protection Agency. Supplementary Guidelines for Lead Implementation Plans. Appendix C, "Projecting Automotive Lead Emissions for Roadway Configurations." EPA-450/2-78-038. August 1978, p. 148.

[c] Weisman, Rob, Enforcement Division, EPA, telephone communication with William Hunt, Monitoring and Data Analysis Division, EPA, January 9, 1980.

[d] Faoro, Robert B. Unpublished analysis of ambient lead trends. October 1979.

TABLE 7. PROJECTED LEAD CONTENT OF GASOLINE, 1974-90*
(g/gal)

| Year | Leaded | Non-leaded |
|---|---|---|
| Based on historical sales data and actual pooled average | | |
| 1974 | 1.75 | |
| 1975 | 1.90 | 0.05 |
| 1976 | 2.00 | 0.05 |
| 1977 | 1.90 | 0.05 |
| 1978 | 1.90 | 0.05 |
| Based on projected sales and required pooled averages | | |
| 1979 | 2.10 | 0.05 |
| 1980 | 1.60 | 0.05 |
| 1981 | 1.20 | 0.05 |
| 1982 | 1.30 | 0.05 |
| 1983 | 1.50 | 0.05 |
| 1984 | 1.80 | 0.05 |
| 1985 | 2.20 | 0.05 |
| 1986 | 2.80 | 0.05 |
| 1987 | 3.00 | 0.05 |
| 1988 | 3.00 | 0.05 |
| 1989 | 3.00 | 0.05 |
| 1990 | 3.00 | 0.05 |

*1974-78 based on historical sales data and on actual pooled average Pb content; 1979-90 based on sales projections and on requirements for pooled average Pb content.

## 5.2 AREAS SELECTED FOR THE ANALYSIS

The June 19, 1978, PSD regulations indicated that the PSD requirements apply regardless of nonattainment designations since there could be pockets of clean air within nonattainment areas. When the June 19, 1978, PSD regulations were challenged, the court ruled that the PSD provisions apply only to major sources locating in areas designated as either attainment or unclassifiable under Section 107. Therefore, the PSD regulations for VOC, CO, $NO_x$, and Pb apply only to areas where the measured air quality is at or below the NAAQS or where there are no data currently available to classify the area (as either attainment or nonattainment) so the area, for the purposes of PSD, is considered to be attainment until measured air quality data indicate otherwise.

To determine which areas should be included in the analysis of the base case scenario, PEDCo reviewed all the air quality data for $O_3$, CO, and $NO_2$ in SAROAD. Appendix D summarizes the 1977 data in the SAROAD system: for $O_3$ and CO, these data represent the second maximum air quality concentration measured for a county; for $NO_2$, the data represent the highest annual arithmetic average for the county.

Since the pollutants to be analyzed have more of an area-wide impact and since the analytical techniques (simple or modified rollback) currently used for this type of analysis were more applicable to a broad geographic area, the air quality data were summarized and listed by AQCR's to identify those with air quality levels at or below the NAAQS's. Then the list of AQCR's was reviewed to select the AQCR's where at least two and preferably all three pollutants had measured values less than the NAAQS's. The revised list was used to select the AQCR's to be analyzed (Table 8). The AQCR's were selected to represent the major geographic regions of the country (North, South, East, West and Midwest) and the broadest possible distribution of areas (in terms of population, size and location), with currently available air quality data.

Table 8 lists the air quality values for the AQCR's selected for analysis. If a CO value was not available, 9 ppm was assumed to be the air quality value for the purpose of the analysis. Analyzed were 18 areas for $O_3$, 19 for CO, and 9 for $NO_x$ or $NO_2$.

## 5.3 ANALYTICAL TECHNIQUES

The simplest form of a linear or proportional model is:[3]

$$C_i = b + ke \qquad (1)$$

where

$C_i$ = ambient concentration of a pollutant at receptor location i,

b = ambient background concentration in an area (defined as the sum of the natural emission sources within the study area and the anthropogenic and natural sources outside the study area that affect concentrations in the study area),

k = proportionality factor (accounts for relationship between source and receptor; includes effects of meteorology, distance of source from receptor, and stack height of source, and

e = total emission rate of a pollutant within the study area.

TABLE 8. AREAS SELECTED FOR ANALYSIS

| AQCR number and name | 2nd max 1-h $O_3$ conc, ppm | 2nd max 8-h CO conc, ppm | Arith avg $NO_2$ conc, $\mu g/m^3$ |
|---|---|---|---|
| 038 San Isabel | 0.09 | 8.1 | 32 |
| 048 Center Florida | 0.10 | 1.4 | 39 |
| 050 S.E. Florida | | 9.1 | |
| 055 Chattanooga | 0.11 | 6.7 | 57 |
| 062 E. Washington-N. Idaho | 0.08 | 17.6 | |
| 065 Burlington-Keokuk | 0.12 | 7.6 | |
| 072 Paducah-Cairo | 0.10 | 8.1 | |
| 077 Evansville-Owensboro | 0.12 | 2.6 | |
| 085 Metro. Omaha | 0.10 | 14.5 | 58 |
| 092 S.C. Iowa | 0.11 | 11.5 | |
| 094 Metro. Kansas City | 0.12 | 3.0 | 27 |
| 113 Cumberland-Keyser | 0.12 | *9.0 | |
| 125 S.C. Michigan | 0.09 | *9.0 | |
| 131 Minneapolis-St. Paul | 0.12 | 14.0 | 69 |
| 143 Miles City | 0.12 | *9.0 | 65 |
| 158 Central New York | 0.12 | 8.4 | 63 |
| 184 Central Oklahoma | 0.12 | 11.5 | |
| 241 Casper | 0.08 | *9.0 | 6 |
| 243 Wyoming | 0.06 | *9.0 | |

*9 ppm was assumed to be the air quality value if a CO value was not available.

To account for the effects of reducing the emissions of different source categories by different amounts, the simple rollback equation was expanded to what is known as modified rollback.[3] Equation 2 is a general mathematical description of the expanded model.

$$\frac{x_{jk} = B_k + (X_{ok} - B_k) \sum_{i=1}^{n} Q_i G_{ijk} F_{ij} S_{ik} T_{ij} M_{ik}}{Q_i S_{ik}} \tag{2}$$

where

$x_{jk}$ = projected air quality concentration for calendar year j in region k,

$B_k$ = background concentration in region k,

$X_{ok}$ = base-year air quality concentration in region k,

$G_{ijk}$ = growth factor for source category i in year j in region k,

$F_{ij}$ = emission factor ratio for source category i in year j,

$S_{ik}$ = source contribution factor for stationary source category i in region k,

$T_{ij}$ = transportation control factor, (if applicable) for mobile source category i in year j,

$M_{ik}$ = mobile source correction factor (if applicable) for mobile source category i in year k,

$Q_i$ = base-year emission inventory for source category i,

n = number of source categories,

i = source category index,

j = calendar year index, and

k = region index

This modified equation is typically used to project air quality concentrations and to evaluate the impacts of imposing national programs.

In Equation 2, the base-year air quality concentration ($X_{ok}$) represents the air quality in the region of interest. The design value or base year concentration for the region must be consistent with that in the air quality standard for the pollutant being modeled.

The base-year emission inventory ($Q_i$) used must meet the following criteria:

All emissions affecting the air quality in the modeled region are accounted for.

Each source in a source category exhibits approximately the same growth rate.

Each source in a source category is subject to approximately the same emission controls.

The relative effect of each source within a source category on the observed air quality level is approximately proportional to the emissions from that source.

The mobile source categories (i's) are light-duty automobiles, light-duty trucks, heavy-duty gasoline and heavy duty diesel. The stationary source categories for nonmethane hydrocarbons (NMHC) or VOC are petroleum refineries; storage, transportation and marketing of petroleum products; industrial processes; organic solvent evaporation; combustion; and others. The stationary source categories for CO are point and area, and for $NO_x$ they are industrial process, area, and fuel combustion. The NMHC emission estimates were adjusted to reflect the percentages of VOC in the total NMHC inventory for NEDS by using the values in Table 9.

Stationary source contribution factors ($S_i$) account for the relative effect of the emission source height (or distance from the source to the receptor on ground-level air quality). An elevated source would be expected to contribute less to ground-level air quality than a ground-level source would under most meteorological conditions. A ground-level source generally has a factor of 1.0, and an elevated source generally has less than 1.0. These factors were determined separately and with only one weighting factor for each source category.

Emission reductions from the FMVCP and from the inspection and maintenance (I/M) programs were accounted for in emission factors ($T_{ij}$) for mobile sources.

Basic controls for mobile and stationary sources were accounted for via the emission factors used in rollback equation. An emission factor ratio (EFR) is the ratio of the emission factor of an average source within a source category in some future year

TABLE 9. NONMETHANE HYDROCARBON ESTIMATES

| VOC source category | % VOC |
|---|---|
| **Stationary sources** | |
| Petroleum refineries | 95 |
| Storage, transportation, and marketing of petroleum products | 92 |
| Industrial processes | 74 |
| Industrial surface coating | 95 |
| Nonindustrial surface coating | 95 |
| Other solvent uses | 100 |
| Other miscellaneous sources | |
| Fuel combustion | 34 |
| Solid waste disposal | 58 |
| Forest, agricultural, and other open burning | 58 |
| **Mobile sources** | |
| Highway vehicles | |
| Light-duty automobiles | 85 |
| Light-duty trucks | 85 |
| Heavy-duty gasoline trucks | 85 |
| Heavy-duty diesel trucks | 97 |
| Motorcycles | 100 |
| Off-highway vehicles | 90 |
| Rail | 97 |
| Aircraft | 90 |
| Vessels | 97 |

Note: A computer program was developed to estimate VOC emissions as percentages of the total hydrocarbons (THC) calculated in the NEDS user file; the percentages were derived from: RAPS Study: Point and Area Source Organic Emission Inventory.

Source: U.S. EPA. Modified Rollback Computer Program User's Manual. Draft. Air Management Technology Branch, MDAD, OAQPS, June 1979.

to the emission factor of an average source in the same category in the base year--indicates the amount of control on a source category.

$$EFR = 1 - \frac{\text{percent control}}{100}.$$

In addition to the modified rollback technique, PEDCo used the Empirical Kinetic Modeling Approach (EKMA) to relate VOC or HC emissions to $O_3$ air quality. This approach was used for comparison only since the use of EKMA in other than urban areas has been questioned. Additionally, the HC-to-$NO_x$ ratio (9.5:1) used in the analysis is generally assumed to be more appropriate for urban areas and therefore, it would not be applicable to all of the areas analyzed.

## 5.4 RESULTS OF THE ANALYSIS

The detailed results of the PEDCo analysis using the modified rollback computer program (currently on the UNIVAC computer) are in Appendix F. The results are summarized in Table 10. As shown in Table 10, the current regulatory program, which requires new stationary sources of VOC, $NO_x$, and CO to apply BACT and which requires new automobiles to meet the FMVCP standards appears (based on PEDCo's limited analysis) to prevent air quality levels in 1999 from increasing over the 1976 baseline levels in all AQCR's for CO and in all but two AQCR's for $O_3$ and $NO_2$. In fact in most cases, the projected air quality levels in 1999 will actually improve over

TABLE 10. AIR QUALITY CONTROL REGIONS EXPECTED TO EXCEED THE 1976 BASELINE AIR QUALITY VALUES BY 1999

| | Number of ACQRs'* | | |
|---|---|---|---|
| Control strategy | $O_3$ | CO | $NO_2$ |
| Total included in analysis | 18 | 19 | 9 |
| FMVCP only | 12(17) | 0 | 0 |
| FMVCP and BACT | 0( 2) | 0 | 0 |

*Numbers within parens indicate higher growth rates; see Appendix E for this and other assumptions.

the 1976 levels by an average of 13% for $O_3$ and 52% for CO. However, the projected $NO_2$ levels will average a slight increase of 6% with the previous projections (1987 and 1990) showing a decrease of approximately 5%.

The $O_3$ projections using EKMA were generally consistent with those of the modified rollback; the exception was the average decrease in air quality levels--only 3% in 1999 rather than the 13% by using the modified rollback.

## 5.5 OBSERVATIONS AND CONCLUSIONS

Each of the many identified alternatives has advantages and disadvantages, and each has a unique way of implementing the PSD program for $O_3$, CO, $NO_2$, and Pb within the constraints imposed by the current Act and availability of techniques to implement such a program. No program can be developed that will be totally acceptable to all concerned and no alternative can be free from disadvantages.

There has been considerable concern over the complexity of the current PSD program for TSP and $SO_2$. Many believe that the current PSD program has too many exceptions, special provisions and detailed requirements which increase the complexity beyond what is needed. The use of dispersion modeling has been criticized in lieu of using actual air quality data to track the increment as it represents a hypothetical rather than a real world situation. Additionally, others believe that there is utter confusion in issuing permits for new sources and that the current PSD regulations (while meeting the legal requirements) are too complex for plant managers and upper corporate management to completely understand.

While the criticisms of the current TSP and $SO_2$ PSD program may be harsh and at times unfounded the message is clear: any further PSD requirements must be logical and must bear a strong relationship to the public values it protects. The program must meet the objectives of the Act, must be simple to implement, and must be easily understood by the industries being regulated and the public being protected so each can help ensure that the public interest is being best served and that there is economic growth consistent with the goals of preventing air quality from seriously deteriorating to a point of being permanently or irrevisably damaged.

Basic issues critical to the development of the PSD program for $O_3$, CO, $NO_2$, and Pb (but by no means all of the issues) have been identified. Successful open resolution of these issues during the regulatory development process will be essential in determining which alternative will be implemented and how effectively the program will be carried out. Furthermore, the alternatives must be compared and evaluated to determine which alternatives must receive further consideration for implementation. The extent of the impact of implementing a PSD program for VOC or HC, $O_3$, CO, $NO_x$ and Pb will vary from pollutant to pollutant as pointed out in Section 3.

For $O_3$, the PSD program would be essentially limited to only certain portions of the United States since violations of the NAAQS for $O_3$ have been noted for a number of areas. However, ambient $O_3$ air quality data currently available for characterizing counties are fairly limited (Appendix D). While there are areas with second maximum $O_3$ concentrations less than the 0.12 ppm standard, many of other areas have violations of the standard and the PSD program would therefore not apply. For CO and $NO_x$, the program would be more widespread because there are fewer areas with violations. Again, the air quality data in many counties are fairly limited. There are many counties where no data have been collected or at least reported. These areas without data are referred to as unclassifiable with regard to attainment status. While for the purposes of PSD these areas identified as unclassifiable are considered to be attainment (i.e. PSD would apply), it is difficult to accurately assess the impact that the PSD program would have for these areas because the lack of baseline data makes it difficult to assess whether the air quality would in fact deteriorate as a result of controlled and planned growth in the area.

Based on the limited data currently available, it would appear that the program for $O_3$ will have a limited impact on certain geographic areas. The program for CO will affect a larger geographic area since the violations of the NAAQS for CO are more localized and since more areas have measured concentrations below the NAAQS. The program for $NO_2$ will affect an even larger area than for CO since there are even fewer areas with violations of the NAAQS for $NO_2$ and many areas have actual monitored data (though monitoring has not been extensive) showing that air quality is well below the NAAQS. Data on Pb are very limited at this time, but the data which are available indicate that the nonattainment areas for Pb are limited to larger urban areas and to areas around significant point sources of Pb emissions.

The potential impacts of imposing no further regulatory requirements beyond the current requirements imposed on new automobiles by FMVCP and on new major stationary sources by BACT (Section 165 of the Act) indicate that current regulatory requirements, for the most part, will prevent significant deterioration at least until 1999. However, several points are herein emphasized to avoid misinterpreting this statement. First, only a few areas were analyzed because only a limited amount of data existed for these pollutants and because only limited time and monies existed for the analysis. Second, the emissions data from NEDS for these areas were used without any additional data modification or validation. Third, the modified rollback technique is not an absolute indicator of the projected air quality which will result from imposing certain requirements. This technique however, has received acceptance in that it provides a relative indicator of the projected air quality for an area, and it can be used in national assessments to at least indicate the number of areas which may be affected as a result of imposing certain requirements. Fourth, it was assumed in this analysis that FMVCP will be implemented within the prescribed time frame and that there will be no tampering with the installed control devices. Therefore, the analytical results may be slightly altered if tampering is significant. One way of minimizing the adverse effects of tampering is by requiring an I/M program for areas other than those currently required by the 1977 Act amendments to have such a program. While the impact of imposing I/M was not tested for this analysis, it could be tested using the same analytical techniques to indicate how it might affect the projected air quality levels of the areas if tampering were considered.

The sources to be affected by the PSD program are discussed in Section 4. Use of existing air quality dispersion modeling data indicates that for the most part, the current TSP and $SO_2$ increments would represent the binding constraint with respect to the size of facility that may be constructed in any area, given that a similar type increment program is developed for $O_3$, CO, and $NO_2$.

## 5.6 RECOMMENDATIONS

As a result of the above assessment, two recommendations are made regarding any follow-up effort to support the regulatory development of the PSD program for VOC or HC, $O_3$, CO, $NO_X$ and Pb.

The first is that the criteria in Appendix B be used to evaluate the alternatives in order to identify those which should receive a detailed evaluation in terms of overall effectiveness and cost. In most cases, the evaluation to select the alternatives will be by its very nature qualitative rather than quantitative.

The second is that a detailed analysis be conducted regarding the air quality impact of new or modified sources to obtain a more accurate assessment of the associated air quality impact of these sources. Individual air quality modeling efforts should be conducted for a number of source categories under a variety of meteorological conditions.

# REFERENCES

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2. Workshop Manual on Lead Implementation Plans, Region IV, Atlanta, Georgia, PEDCo Environmental, Inc. for EPA July 11-12, 1979.

3. N. de Nevers and J.R. Morris, "Rollback Modeling: Basic and Modified," Journal of Air Pollution Control Association, 25, September 1975, p. 943.

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# APPENDIX A

# ALTERNATIVE DESCRIPTIONS

# ALTERNATIVES

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## EMISSION CONTROLS ONLY

### Description of Alternative

This system would rely primarily on the Federal Motor Vehicle Control Program (FMVCP) (with the possible addition of inspection and maintenance requirements) and the requirement for Best Available Control Technology (BACT). Control requirements under this system would not vary as a function of the spatial concentration of sources.

### Options

This alternative could be modified to consider the air quality as well as the emissions impact of a individual source through the use of the preconstruction and postconstruction monitoring requirements currently part of the PSD requirements. The preconstruction requirements would provide an assessment of the situation before the source locates and the postconstruction would provide a check to ensure that the air quality levels have not violated the standard and that the levels are at or below the levels prior to the source's construction. A deviation of, say 5-10% taking into account any effects due to meteorology, would be permitted. If the air quality would be outside the above deviation a hearing would be held to determine if a variance should be granted which is similar to reclassifying the area from a Class II to a Class III or if no variance should be granted and thus some additional emission reductions would be necessary to offset the air quality increase over the preconstruction levels. If the deviation is lower than expected the source would be permitted to construct but some further investigation would be made to determine what emission reduction may have taken place during this time which would account for this decrease. This would be noted and the information available to new sources for use in possibly offsetting additional emissions in the future.

## Applicable Clean Air Act Section

Section 165(a)(4) states:

> "No major emitting facility on which construction is commenced after the date of the enactment of this part, may be constructed in any area to which this part applies unless--
>
> (4) the proposed facility is subject to the best available control technology for each pollutant subject to regulation under this Act emitted from, or which results from such facility;..."

Section 202(a)(1) states:

> "(1) The Administrator shall by regulation prescribe (and from time to time revise) in accordance with the provisions of this section, standards applicable to the emission of any air pollutant from any class or classes of new motor vehicles or new motor vehicle engines, which in his judgment cause, or contribute to, air pollution which may reasonably be anticipated to endanger public health or welfare. Such standards shall be applicable to such vehicles and engines for their useful life (as determined under subsection (d), relating to useful life of vehicles for purposes of certification), whether such vehicles and engines are designed as complete systems or incorporate devices to prevent or control such pollution."

## Background

The Clean Air Act under Section 165(a)(4) provides that no major emitting facility may be constructed in any area unless the proposed facility is subject to the Best Available Control Technology (BACT) for each pollutant subject to regulation under the Act. Additionally, under Title II, Section 202 of the Act, the Administrator of the Environmental Protection Agency is given the authority to establish motor vehicle emission standards applicable to the emission of any air pollutant from any class or classes of new motor vehicles or new motor vehicle engines, which in his judgment, cause or contribute to air pollution which may reasonably be anticipated to endanger public health or welfare. The Administrator has taken such authority and promulgated regulations which require light duty vehicles to meet certain standards for CO, HC and $NO_x$ within a given time period. A summary of the Federal motor vehicle emission standards as revised pursuant to the Clean Air Act Amendments of 1977 is presented in Table I.

Additionally the Administrator has promulgated regulations dealing with lead content of gasoline. The regulations to reduce the amount of lead in gasoline were first promulgated in 1973 and scheduled to take affect beginning in 1975. This program called for phased reductions to take place from 1975 to 1979 with the final lead content in gasoline to be .5 grams per gallon in 1979. These regulations were challenged and finally upheld by a Federal appeals court in 1976. The impact of this lead phase down program was assessed in a study completed in 1975 and the results are presented in Table II. The projected lead content of gasoline has been revised recently and the results of this revision are presented in Table III.

The requirements of BACT, the FMVCP, and the phasedown program for Pb are applicable independent of any program to require preconstruction review of sources of these emissions under PSD. Since the major sources of these emissions are motor vehicle related and BACT represents a case by case assessment as to the best technology currently available for those few stationary sources which contribute to the HC, CO, $NO_x$, and Pb emissions, this alternative may well represent the most effective program for keeping the current clean air areas clean without any additional regulations.

This program or alternative of relying only on the BACT requirement and the FMVCP has two basic methods of implementation. The first would not involve any preconstruction review of the emission levels for a given area. It would rely on the basic premise that the FMVCP will more than compensate for all new growth in an area with levels below the NAAQS as all new stationary sources, for the most part, will be required to apply BACT.

The second would include a preconstrucion review for stationary sources. This review would ensure that the emission

## TABLE I. FEDERAL EXHAUST EMISSIONS STANDARDS (grams/mile)[a]

| | HC | CO | $NO_x$ |
|---|---|---|---|
| Uncontrolled car | 8.7 | 87.0 | 4.0 |
| 1968-69 | 5.9 | 50.8 | NR |
| 1970-71 | 3.9 | 33.3 | NR |
| 1972 | 3.0 | 28.0 | NR |
| 1973 | 3.0 | 28.0 | 3.1 |
| 1975-76[b] | 1.5 | 15.0 | 3.1 |
| 1977-79[b] | 1.5 | 15.0 | 2.0 |
| 1980[c] | 0.41[d] | 7.0 | 2.0 |
| 1981-82[c] | 0.41 | 3.4[d] | 1.0[f] |
| 1983[c] | 0.41 | 3.4 | 0.4[e,g] |

NR = No requirement

[a] As measured by the Federal constant-volume sampling, cold- and hot-start test.

[b] Interim standards established in 1973 and subsequent years.

[c] Levels established by 1977 Amendments to the Clear Air Act.

[d] Original 1975 requirements of the 1970 Amendments to the Clear Air Act.

[e] Original 1976 requirements of the 1970 Amendments to the Clear Air Act.

[f] Subject to waiver for diesels and small manufacturers.

[g] To be established only if public health requires it; otherwise, standard is 1.0.

## TABLE II. PROJECTED AMBIENT LEAD LEVELS BASED ON PROBABLE POOLED LEAD CONTENT OF GASOLINE

| Year | Phase-down schedule (gm/gal) | % Post-74 vehicles[1] | Probable pooled average[1] (gm/gal) | Projected lead consumption[2] ($10^5$ short tons) | Projected ambient lead[2] (μg/m³) |
|---|---|---|---|---|---|
| 1974 | - | 0.0 | 2.0 | 1.99 | 0.94 |
| 1975 | 1.7 | 11.2 | 1.7 | 1.69 | 0.80 |
| 1976 | 1.4 | 25.5 | 1.4 | 1.39 | 0.66 |
| 1977 | 1.0 | 38.5 | 1.0 | 1.00 | 0.47 |
| 1978 | 0.8 | 50.6 | 0.8 | 0.80 | 0.38 |
| 1979 | 0.5 | 61.4 | 0.5 | 0.50 | 0.24 |
| 1980 | 0.5 | 70.8 | 0.5 | 0.50 | 0.24 |
| 1981 | - | 78.7 | 0.5 | 0.50 | 0.24 |
| 1982 | - | 85.0 | 0.34 | 0.34 | 0.16 |
| 1983 | - | 89.7 | 0.25 | 0.25 | 0.12 |
| 1984 | - | 92.9 | 0.19 | 0.20 | 0.09 |
| 1985 | - | 94.8 | 0.15 | 0.15 | 0.07 |
| 1986 | - | 96.1 | 0.13 | 0.13 | 0.06 |
| 1987 | - | 97.2 | 0.11 | 0.11 | 0.05 |
| 1988 | - | 97.9 | 0.09 | 0.09 | 0.04 |
| 1989 | - | 98.3 | 0.08 | 0.08 | 0.04 |
| 1990 | - | 100.0 | 0.05 | 0.05 | 0.02 |

## TABLE III. LEAD CONTENT OF GASOLINE

| Year | Leaded Gasoline* (g/gal) | Nonleaded Gasoline (g/gal) |
|---|---|---|
| 1974 | 1.75 | |
| 1975 | 1.9 | 0.05 |
| 1976 | 2.0 | 0.05 |
| 1977 | 1.9 | 0.05 |
| 1978 | 1.9 | 0.05 |
| 1979 | 2.1 | 0.05 |
| 1980 | 1.6 | 0.05 |
| 1981 | 1.2 | 0.05 |
| 1982 | 1.3 | 0.05 |
| 1983 | 1.5 | 0.05 |
| 1984 | 1.8 | 0.05 |
| 1985 | 2.2 | 0.05 |
| 1986 | 2.8 | 0.05 |
| 1987 | 3.0 | 0.05 |
| 1988 | 3.0 | 0.05 |
| 1989 | 3.0 | 0.05 |
| 1990 | 3.0 | 0.05 |

---

* 1974 - 1978: Lead content based upon historical sales data for leaded and nonleaded gasoline and data indicating the actual pooled average lead content.

1979 - 1990: Lead content based upon sales projections for leaded and nonleaded gasoline and requirements for pooled average lead content.

levels from the new source would be offset by the emission reductions accomplished by the FMVCP for the area, i.e., the county, in which the source plans to locate. The source would be required to apply BACT and there would be some incentive on the part of the reviewing agency to keep the new emissions from the source as low as possible so as to use the minimum amount of emission reductions provided by the FMVCP. Otherwise growth would be halted until further reductions from the FMVCP were available or an existing source reduced its emissions sufficiently to offset the new emissions.

Data Requirements

The major data requirements are:

- Vehicle mile traveled/year per area of concern (e.g., county),
- Stationary source emission estimates,
- Vehicle age distribution per county,
- Vehicle replacement rate, and
- Composite vehicle emission rates.

Advantages

- No new regulatory requirements would be necessary to implement the program.
- No direct additional costs would be incurred by the sources since they are already required to comply with BACT.

Disadvantages

- Cannot guarantee that the clean air areas will remain clean, if the FMVCP cannot offset the planned growth for a given area.
- No real check of the air quality levels that would be associated with the proposed source.
- Assumes that emissions are proportional to air quality and that locational effects are not of major concern with CO, HC, $NO_x$, and Pb.

## Implementability

This alternative will be relatively easy to implement since no new requirements will be imposed. However, because of the deterioration of air pollution control devices on the automobile an Inspection/Maintenance program (I/M) would be needed in some cases to ensure that the emission reductions called for by the FMVCP are in fact accomplished and that the new sources emissions can be accommodated.

While the preproduction certification program demonstrates the manufacturers' capability of designing vehicles which can meet the automotive emission standards, it does not address the question of in-use vehicles. Over the past 10 years, testing has consistently indicated that a significant number of vehicles on the road fail to meet the automotive standards. This occurs for a variety of reasons: production variability, tampering with or neglect of a car's emission control system or use of leaded gasoline in a car that requires unleaded. Therefore, it many cases it is essential that a strategy be devised to improve the performance of in-use vehicle. One such strategy is I/M. I/M programs involve periodic testing of each car within a given locality and a refusal to register any vehicle that fails the test and is not subsequently repaired.

## Suggestions

The second method of implementation outlined in the background section permits the assumption that the FMVCP can accommodate the new growth to be checked and growth prohibited if the emissions from the new source would be greater than the reductions provided for by the FMVCP.

## Comparison to Other Alternatives

In comparison to other alternatives this represents the absolute minimum program. It does not require that any detailed program be developed beyond that currently required. However, it does not ensure that the air quality levels for an area are not significantly degraded as no specific case-by-case air quality assessment would be required. The overall economic impact due to the PSD program would be quite small as the major part of the control program is the FMVCP which is required independent of the PSD requirements.

# AMBIENT AIR QUALITY INCREMENTS

## Description

This approach calls for the development of an increment and classification system similar to that prescribed in Section 163 for Set I pollutants.

## Options

Not applicable.

## Applicable Clean Air Act Section

Section 166(c) and (d) of the Act states:

> "(c) Such regulations shall provide specific numerical measures against which permit applications may be evaluated, a framework for stimulating improved control technology, protection of air quality values, and fulfill the goals and purposes set forth in section 101 and section 160.
>
> (d) The regulations of the Administrator under subsection (a) shall provide specific measures at least as effective as the increments established in section 163 to fulfill such goals and purposes, and may contain air quality increments, emission density requirements, or other measures."

## Background Information

The PSD program for TSP and $SO_2$ established air quality increments over which the baseline air quality can increase without this increase being considered significant. This approach assigns certain air quality increment values to an area based upon its classification either as Class I, pristine areas, Class II, moderate growth areas, or Class III, relatively uninhibited growth areas. This increment approach is consistent with the air quality management approach set forth in Section 109 and 110 of the Clean Air Act. This approach requires the modeling of multiple point and area sources and the tracking of emissions/air quality increases and decreases that affect the increment.

The June 19, 1978, PSD regulations indicated that EPA's assessment of the air quality impacts of new major sources and modifications will be based on the "Guideline on Air Quality

Models," OAQPS 1.2-080, April 1978. This guideline was incorporated by reference into the regulations. Sources may be given approval to use air quality dispersion models other than those noted in the guidelines if the model recommended in the guideline and the model proposed by the source are comparable.

The guideline recommends those air quality models that should be used for conducting PSD review. It also identifies factors that determine the suitability of models for an individual situation, presents classes and subclasses of models, and addresses special modeling problems. The guideline presents information for modeling TSP, $SO_2$, CO, and $NO_x$. It does not, however, present information regarding modeling of photochemical oxidants. These models are undergoing a critical review and information regarding them will be provided at a later date.

With regard to CO and $NO_x$, the point source screening techniques described in Volume 10 of the Guidelines for Air Quality Maintenance Planning and Analysis, "Procedures for Evaluating Air Quality Impact of New Stationary Sources," can be used. However, no specific refined modeling techniques are recommended. Those situations which require more refined techniques will be considered on a case-by-case basis with the use of expert consultation. For $NO_x$, the use of any models other than photochemical ones require an assumption that all $NO_x$ is emitted in the form of $NO_2$ or is converted to $NO_2$ by the time it reaches the ground and that $NO_2$ is a nonreactive pollutant. For sources locating in areas where atmospheric photochemical reactions are significant, a rollback model may be used as a preliminary assessment to evaluate the impact of the source or sources.

There are five (5) types of ozone prediction methods that are currently available. These models vary from simple algebraic relationships to sophisticated numerical models. In general, the simple methods tend to ignore or to treat superficially many atmospheric processes that affect the formation of ozone. The sophisticated numerical models on the other hand, treat these processes in detail but are very costly to use and require large amounts of input data. The five (5) ozone models are: linear rollback, modified rollback, empirical kinetic modeling approach (EKMA), trajectory models, and grid models. Most of these models have been developed for a region-wide application rather than for a specific individual point source. They are also more oriented for use in urban rather than rural areas.

One of most sophisticated grid models is the Airshed Model, which has the ability to simulate the behavior of up to 20 pollutants. When photochemical simulations are carried out by this model, 11 species must be included:

paraffins
olefins
aromatics
aldehydes
peroxyacetyl nitrate
carbon monoxide
nitric oxide
nitrogen dioxide
ozone
nitric acid
hydrogen peroxide

Additionally a number of other parameters regarding emissions and surface uptake, meteorology, air quality, chemical mechanisms, etc., must be input. As can be seen these input requirements are considerable.

More information on modeling can be found in the discussion on the modeling issue.

Data Requirements

The major data requirements are:

- Emission estimates for all major stationary sources both new and existing,
- Emission estimates for all area sources both new and existing,
- $HC/NO_x$ ratios for the area where the source plans to locate,
- Increment values,
- Background air quality concentration,
- Preconstruction or design air quality values,
- Stack parameters,
- Meteorological data, and
- Method of relating emissions to an air quality value.

Advantages

- Reflects current concept of PSD,
- Consistent with Set I approach,
- Much of guidance regarding implementation of an increment system is already available once the type of model is selected,
- Permits assessment of the air quality impact from new sources,
- Use of rollback or EKMA would permit the increment concept to be implemented through the use of an interim measure until more sophisticated models can be developed and tested, and
- Once the more sophisticated modeling approaches become available these could be used to check the validity of the interim models. If violations of the increment are noted then a SIP revision would be required to correct the violation. If no violations are noted, the amount of increment available would be adjusted to reflect the results of using the more sophisticated models.

Disadvantages

- Difficult to accurately model VOC and $NO_x$ emissions from point sources because of the interaction of these pollutants and meteorology in forming ozone and $NO_2$,
- Even an interim approach of using EKMA and rollback is of some concern because these models were not designed to be used for specific individual points source situations and this specific applicability has not been tested to date,
- The simplified modeling techniques fail to consider the locational and meteorological aspects of the ozone and $NO_2$ problem although EKMA does address the chemical relationship between VOC and $NO_x$ emissions,
- Many simplified models produce results that are so overly conservative that in many cases permits would be denied when increment may actually still be available, and

- Simplified models may produce such unrealistic results that once the more sophisticated models are used so many adjustments would be necessary that it is questionable whether an interim approach should have been used at all.

### Implementability

While air quality increments could be established, there is concern over the availability of the necessary analytical techniques to relate VOC and $NO_x$ emissions to air quality concentrations and the data to implement these techniques. The criticism of the complex models which require considerable amounts of data can be overcome by using the EKMA or rollback approach which do not require considerable amounts of detailed data. However, the question of the accuracy associated with using these techniques still looms as a major obstacle to implementing the increment alternative.

Because of the difficulty in predicting the ambient levels of ozone and $NO_2$ and the amount of data needed to perform such calculations using such techniques as the Urban Airshed Model, the approach of using either the EKMA or rollback technique offers a method of easily assessing the air quality impact of a source. This is especially true in rural attainment areas where the amount of data is limited and amount of $NO_2$ and manmade VOC emissions is small. Considerable guidance and evaluation of the rollback and EKMA procedures for use with individual point sources would be needed before this approach could be implemented.

### Comparison to Other Alternatives

Compared to other alternatives this approach comes closest to the concept of preventing significant deterioration of air quality. In this alternative the air quality concentration from a source is the key factor in the decision to either grant or deny a permit. However, it requires more data than other alternatives and it requires the use of air quality dispersion models which makes this a more complex alternative to implement even though the complexity is reduced slightly by using EKMA or rollback.

## EMISSION DENSITY ZONING

### Description of Alternative

An emission density zoning (EDZ) system would rely on theoretical air quality increments solely as a guideline for establishing maximum allowable emission limits per unit of land area. Once these are established, all preconstruction review and enforcement actions would be based on emission limits rather than ambient air quality levels.

### Options

- Emission Allocation Planning - an assignment of emission quotas (usually in terms of tons/day or year) to general purpose governmental jurisdictions such as cities, towns, counties, etc.
- Floating Zone Strategy - establishes an emission density limit for a specified unit of area surrounding a new development.
- District Emission Quotas - similar to emission allocation planning except quotas are assigned to planning districts (e.g., census tracts).

### Applicable Clean Air Act Section

Section 166(d) states:

> "(d) The regulations of the Administrator under subsection (a) shall provide specific measures at least as effective as the increments established in section 163 to fulfill such goals and purposes, and may contain air quality increments, emission density requirements, or other measures."

### Background

Emission density zoning, assigns allowable densities to zoning classes. M-3 zones (heavy industry) for example, would be limited to a certain density, whereas R-1 (single family residential) would be limited to a lighter density.

The Prevention of Significant Deterioration (PSD) requirement basically applies to all clean air areas most of which are rural or semirural. Such areas are, almost by definition, devoid of detailed disaggregation into smaller governmental units. They are characterized primarily by the following types of governmental units:

- National forests, parks, monuments, etc.,
- Regional (multi-county A-95 review agency) planning areas,
- Counties,
- Small cities and towns, and
- Planning districts and zones within cities, towns, and some counties.

Data Requirements

The major data requirements are:

- Disaggregation of large governmental units, such as states, into smaller, more manageable units; this does not apply to floating zone emissions quotas,
- Vehicle miles traveled/year and land uses allocated to those smaller geographical units,
- Motor vehicle emission factors for HC, CO, and $NO_x$,
- A method of converting land use data to emissions,
- A method of determining maximum allowable emissions, or in other words, a method of relating emissions to acceptable changes in air quality, and
- A definition of what change in emissions/air quality is acceptable.

Advantages

- Eliminates any need to model each major new source,
- Only requires comparing changes in emission density with allowable changes,
- Could be easily combined with marketable permit concept for ozone to enable the market to perform some of the functions that would otherwise be performed by Government,
- More applicable to $O_3$, and
- Easy to implement.

## Disadvantages

- Would not apply directly to CO because of its localized impact,
- Much of the data on vehicle miles traveled (VMT) and land use may not be available for the rural areas outlined in the background section,
- Must convert VOC emission density to $O_3$ air quality,
- Would require use of CO models to convert CO emission density to allowable air quality, and
- Since State and local agency may be unfamilar with approach, considerable guidance would be needed.

## Implementability

Since emission quota strategies represent new approaches to air quality management which have not really been applied anywhere in the U.S. on a wide scale and there is some entrenched opposition to these concepts, these strategies may prove to be very difficult to implement. However, in some cases this lack of familarity could represent a fresh approach to many.

Since the system does not directly rely upon an estimate of air quality impact it will be easier to implement than some alternatives. However, it may be very difficult to relate the ozone precursor emissions to some allowable ozone level to determine at what level of emission density represents a significant deterioration of air quality.

Even though the system itself may be relatively easy to implement, state and local agencies are unfamiliar with this approach; thus, considerable additional guidance and procedures may be needed.

## Suggestions

Since many of the emission allocation schemes presented as options rely upon a more structured data base (county, planning district, etc.) they may be difficult if not impossible to implement for CO because of localized impact. However, since the floating zone strategy does not rely on existing governmental boundaries, it would appear to be applicable to handle the localized problems associated with CO.

One way of overcoming the current problems associated with converting VOC and $NO_2$ emission density to some type of air quality increments is to use the Empirical Kinetic Modeling approach (EKMA). EKMA could be used along with the emission densities calculated for a relatively large geographical area to calculate the corresponding ozone concentration.

### Comparison to Other Alternatives

While this alternative overcomes some of the problems associated with other alternatives such as complexity and requiring detail dispersion modeling on a source-by-source basis, it has some disadvantages when compared to other alternatives. It does not unless modified somewhat, permit air quality to be a consideration per se in the permitting process. It may also require more data to implement it than is currently available for many of the rural clean air areas where the impact of the PSD would be the greatest. Because it is a relatively new concept as compared to some of the other alternatives it would require that more guidance and information be developed before it could be instituted in many areas.

## INVENTORY MANAGEMENT

### Description of Alternative

This alternative assures that the inventory for a local area would not exceed a specified level without public comment and a demonstration that emissions permitted in excess of this level would not constitute significant deterioration. This alternative would require the State or local agency to develop and maintain an emission inventory for all major and minor sources within a given area. It would also require the State or local agency to conduct a mandatory review of any further major new source growth when the emissions for the area would reach a predetermined level. This review would require the source, whose emissions would cause this level to be exceeded, to demonstrate that additional emissions over and above the predetermined level would not cause significant deterioration. The public would have an opportunity to review and comment on this demonstration and to voice their opinion as to whether a new level of total emissions should be established for which a future review and demonstration would be required. If no new level is established the source whose emissions would cause the current level to be exceeded would either have to offset its new emissions or choose to locate in another area.

### Options

Not applicable.

### Applicable Clean Air Section

Section 166(c) provides:

> "Such regulations shall provide specific numerical measures against which permit applications may be evaluated . . ."

### Background Information

Not applicable.

## Data Requirements

The data requirements to implement this alternative are:

- Current local existing emission inventory,
- Emission estimates for all new major and minor sources, and
- Mechanism to periodically update emission inventory.

## Advantages

- Simple to implement
- Avoids detailed dispersion modeling
- Involves public at the local level

## Disadvantages

- If inventory area is too large, clustering of major sources may take place which could create localized air quality problems even though the emission levels averaged over the entire area would not indicate that air quality problems exist.
- Does not relate the emissions to some air quality level on a source by source basis and therefore several sources may be granted a permit to construct only to find out that there was really an air quality problem with the first source.
- The predetermined emission level for an area could be challenged as being arbitrary since it would not relate to some air quality level per se.
- Would be difficult to determine if an air quality related value may be violated for a Class I area since no estimate of a source's air quality impact is required either in the area where the source will locate or some distance downward.

## Implementability

This alternative would be easy to implement in that the local area would only have to keep a record of its current and future emissions. No detailed modeling would be required. However, because this alternative does not directly relate emissions to air quality potential violations of the standard could arise.

## Suggestions

If the predetermined emission level could somehow be related to an overall air quality impact through the use of some type of simplified model, then one could compare this level to the national ambient air quality standards or relate it to an air quality related value that has been established (e.g., visibility) for an individual Class I area.

## Comparison to other Alternatives

While this alternative will overcome some of the basic problems noted for other alternatives (i.e., modeling, need for detailed meteorological and emissions data, complexity, etc.), it does not provide some estimate of how much deterioration might take place in terms of air quality. However if the total emission increment can be related to some air quality level then there would be a more positive check against the national ambient air quality standards and the current or baseline air quality levels in the area.

## STATEWIDE EMISSION LIMITATION (BUBBLE)

### Description of the Alternative

This alternative assures that the aggregate statewide emissions will not increase. A bubble would be drawn over the entire state and no net increase in emissions would be permitted. Any emissions which may result from the location of a new source within the state would have to be accommodated by previous reductions which have already taken place or by future reductions which will take place prior to the startup of the new source.

### Options

Options or modifications to this alternative may include:

- County or AQCR bubble, and
- Inflated bubble. (States with little development to date would be allowed some additional growth, or emissions, before the bubble is drawn so that they are not at an unfair disadvantage compared to states which have a number of emissions already.)

### Applicable Clean Air Section

Section 166(c) provides:

> "(c) Such regulations shall provide specific numerical measures against which permit applications may be evaluated, a framework for stimulating improved control technology..."

### Background Information

The 1975 nationwide emissions for CO, $NO_x$, and VOC are shown in Table I. Approximately 40% of the VOC and $NO_x$ emissions and 83% of the CO emissions are from transportation related sources (e.g., light and heavy duty vehicles). Statewide emission totals vary considerably from State to State. Table I also provides some estimates of the CO, $NO_x$, and VOC emissions for California and North Dakota to illustrate this wide variation.

## TABLE I

Emissions $10^6$ tons/yr

| | VOC | $NO_x$ | CO |
|---|---|---|---|
| Nationwide | 27.2 | 22.3 | 93.4 |
| California | 2.5 | 1.4 | 10.3 |
| North Dakota | .1 | .1 | .3 |

### Data Requirements

The data requirements to implement this alternative are:

- Current statewide emission inventory,
- Emission estimates for all new major and minor sources, and
- Mechanism to periodically update emission inventory.

### Advantages

- Simple to implement,
- Avoids detailed dispersion modeling, and
- Forces technology.

### Disadvantages

- Unfair to states with currently low emission levels and no existing sources from which to obtain emission reductions to accommodate new source growth,
- Does not consider air quality impact of the source,
- Will not avoid clustering of sources,
- Does not provide for any moderate growth without offsets,
- Places large burden for emission reduction on existing facilities, and
- Does not consider transport of pollutants from another State.

### Implementability

This alternative would be easy to implement in that the state would only have to keep a record of its current and future emission estimates. No detailed modeling would be required.

However, because this alternative does not avoid clustering of sources, potential violations of the standard could unknowingly arise thereby voiding the overall purpose of PSD. Also states with low emission levels would feel discriminated against. Future growth may be precluded because one state may have been slower in developing or required tighter controls than another state (i.e., lower emissions).

## Suggestions

Some of the disadvantages of the statewide bubble could be overcome by using a county or AQCR bubble which would provide some limits on possible clustering. Additionally a county or AQCR bubble, while not removing the inequity for areas which have low emission levels, would spread those areas out more uniformly across the U.S. as every state will have a number of counties or possible AQCR's where the emission levels are relatively low.

The option of allowing an inflated bubble for states which are currently undeveloped or which have low emission levels would permit some moderate growth before an absolute limit on emissions is imposed and offsets are required. If this inflated bubble could be applied to a county or AQCR it may resolve or at least limit some of the potential problems with clustering. That is, the smaller the area over which the limits on emission are imposed the less chance there is for sources to cluster together and cause air quality problems before the limits on emissions are reached.

## Comparison to Other Alternatives

While this alternative will overcome some of the basic problems noted for other alternatives (i.e., modeling, detailed meteorological and emissions data, complexity, etc.), it will have some severe impacts as it may limit the future growth potential for many developing states. The requirement of imposing no net increase in emissions in many cases will not permit development in those states where existing emissions are quite low. In other cases any growth that would be permitted will be at the expense of the existing sources or as a result of reductions made possible by the Federal Motor Vehicle Control Program.

## Avoiding Co-Location of VOC and $NO_x$ Sources

### Description of Alternative

This approach is designed to prevent significant deterioration resulting from the formation of ozone. Such a program would focus special attention on the nonmethane HC to nitrogen oxide ($NMHC/NO_x$) ratio and prevent the co-location of volatile organic compound (VOC) and $NO_x$ sources within a certain fixed distance of each other.

### Options

If in addition to the $NMHC/NO_x$ ratio the total amount of $NO_x$ emissions could be tracked and estimates made regarding the air quality impact in terms of $NO_2$ concentration then this system could also be used to prevent significant deterioration of nitrogen dioxide.

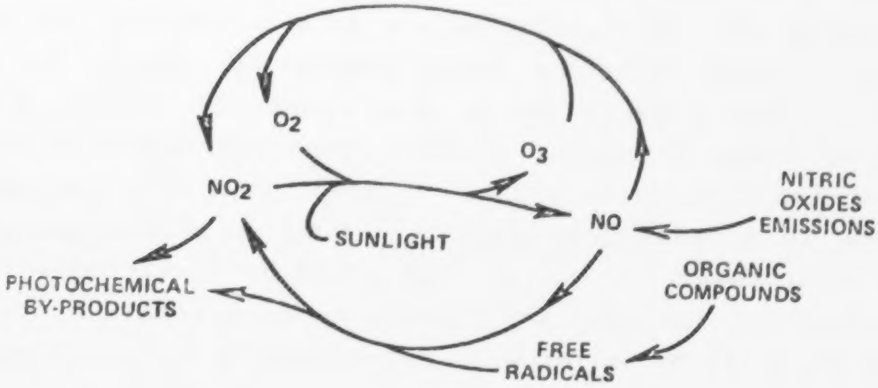
### Applicable Clean Air Act Section

Not applicable.

### Background

Ozone ($O_3$) is formed through a series of reactions involving oxides of nitrogen ($NO_x$), organic pollutants and sunlight. There are presently 300 reaction mechanisms involved in the formation of photochemical oxidants. There are, however, a few basic steps which generally describe the formation process.

1. $NO + O_3 \rightarrow NO_2 + O_2$
2. $NO_2 \xrightarrow{h\nu} NO + O$
3. $O + O_2 \rightarrow O_3$



Most $NO_x$ is emitted as nitric oxide (NO). NO is oxidized by ambient ozone or organic compounds to form $NO_2$. $NO_2$ is then photolyzed by sunlight to form NO and oxygen (O). The atomic oxygen will react with atmospheric oxygen and form ozone.

The role of $NO_x$ is to provide the basic means whereby ozone is formed. However, in the absence of appreciable amounts of volatile organic compounds (VOC), ozone levels will remain low as a result of a chemical equilibrium which is set up among ozone, NO and $NO_2$. Appreciable amounts of VOC's on the other hand influences the equilibrium such that higher concentrations of ozone are measured. The concentration of ozone is also dominated by meteorological conditions. Sunlight intensity and temperature influence the reaction rates and therefore the chemical equilibrium.

The roles of VOC and $NO_x$ in ozone formation have been studied in smog chambers. The results of numerous smog chamber experiments have indicated that the effectiveness of VOC or $NO_x$ controls depends upon the relative amounts of VOC or $NO_x$ available to form ozone. Maximum ozone levels are more sensitive to organic control if the nonmethane hydrocarbon to $NO_x$ ratio is low than if the ratio is high. At low NMHC/$NO_x$ ratios the rate by which NO is converted to $NO_2$ is influenced by the availability of organic compounds. At moderately high NMHC/$NO_x$ ratios, the amounts of ozone formed begins to become limited by the availability of $NO_x$ and becomes less sensitive to additional VOC emissions. At very high NMHC/$NO_x$ ratios (e.g., 30:1) it is possible that excess VOC emissions can react such that the addition of still further VOC emissions has little effect or may even result in slightly lower levels of ozone. Thus the smog chamber results indicate that the sensitivity of the ozone forming potential to changes in VOC emissions decrease as the NMHC/$NO_x$ ratio increases.

Because of interaction between VOC and $NO_x$ one method of preventing significant deterioration is to avoid the co-location of VOC and $NO_x$ sources. If the VOC or NMHC to $NO_x$ ratio stays greater than say 30:1 then very little if any ozone would be formed and thus there would be no deterioration of the air quality.

Data Requirements

The data required to implement this alternative are:

- HC or VOC and $NO_x$ emissions for the existing sources,
- HC and $NO_x$ emission estimates for the new sources,
- $HC/NO_x$ ratios for the area, and
- Definition of the area of impact for formation of ozone and $NO_2$.

Advantages

- Does not require the use of dispersion modeling,
- Simple yet scientifically sound approach to insure that the air quality will not be significantly degraded, and
- Allows VOC and $NO_x$ sources to be built as long as the $NMHC/NO_x$ ratio is above the level conducive to ozone formation and vice versa.

Disadvantages

- Does not provide a direct measure of air quality,
- While it is based upon smog chamber studies, some may still question its validity in the "real world" and argue that it does not represent what will happen in actual practice,
- Difficult to define the area represented by a given $NMHC/NO_x$ ratio, and
- How would the problem of transport be considered. $NO_2$ or ozone may be transported into the area from some distance upwind and by just analyzing the sources within a given area one may not accurately represent what takes place in terms of measured air quality.

Implementability

While this approach seems simple and straightforward to implement, there are a number of technical issues and policy concerns that would need to be resolved before this approach could be implemented. For example:

(1) Over what area would the NMHC/$NO_x$ be measured?

(2) How will transport both into and out of the area be considered?

(3) What kind of classification system should be set up?

(4) At what level will the NMHC/$NO_x$ ratio be considered to be acceptable to insure that significant deterioration does not take place?

If the above issues and several others can be adequately resolved this approach would be relatively straightforward to implement and relatively easy to understand.

Suggestions

Transport could be accounted for in the preconstruction monitoring program by requiring that a background and a downwind monitor be set up in addition to the monitoring to be conducted onsite. In that way the amount of ozone and $NO_2$ transported into and out out the area prior to the sources operation could be accounted for and factored into the decision making process.

Comparison to Other Alternatives

In comparison to the alternatives which require dispersion modeling and increments, this technique is relatively easy to implement. However, since it is based upon the use of ambient air quality data and HC/$NO_x$ ratios it does consider the air quality impact as a vital part of the decision making process for PSD. It is not just strictly an emissions approach as presented by some of the other less complex alternatives.

## EMISSION FEES

### Description of Alternative

A fee system would be designed to strengthen the requirement for BACT on new stationary sources. A fee would be levied against each source based on its quantity of emissions, thus providing the source with an incentive to develop and incorporate new technology.

### Options

N/A

### Applicable Clean Air Act Section

Section 166(c) states:

> "Such regulations shall provide specific numerical measures against which permit applications may be evaluated, a framework for stimulating improved control technology, protection of air quality values, and fulfill the goals and purposes set forth in Section 101 and Section 160."

### Background

In this alternative system, it is assumed that there will exist a level of pollution control for Set-II pollutants that will represent the best available control technology (BACT), and that this level of control will be required for all new major industrial plants regardless of location. At the same time, there is no guarantee that this level of control will be sufficient to prevent the deterioration of air quality in clean air areas with respect to VOC, $NO_2$, $O_3$, CO, or Pb. Thus the PSD program needs to incorporate a system for achieving even higher levels of pollution control for clean air areas where it is necessary to prevent significant deterioration.

One method that has been suggested is the emission fee or emission tax. This means that a charge is to be levied for each pound of pollutant that is emitted. One of the objectives of this system is to set the fee at a sufficiently high level so as to provide a positive incentive for the continued reduction of emissions. This scheme is frequently represented by a graph of the emission fee rate and the marginal cost of pollution control. In Figure 1 the origin is set at BACT, the legal minimum of pollution control. M represents the maximum level of emissions reductions possible (emissions at BACT minus zero emissions). The emission fee is shown as a constant rate, while the marginal cost of pollution control is an increasing function, that is, higher levels of pollution control are increasingly more expensive in terms of dollars per additional pound of emission reduction. Any point (X) along the X axis from 0 to M represents a level of emission reduction. The emission fee to be paid at X is the emission fee rate (E) times the pounds of emissions left uncontrolled (M-X). The cost of control at X is the integral of the marginal cost curve from 0 to X.

If a company were able to choose any degree of emission reduction, it would choose the point $X_1$ where the emission fee rate intersects the marginal cost of control curve, as shown in Figure 1. At this point the emission fee to be paid is represented by the rectangle $MECX_1$, and the cost of added pollution

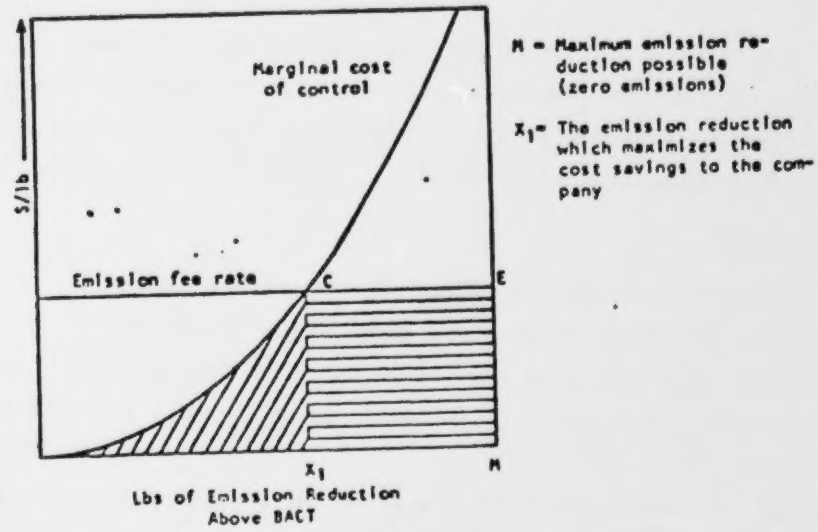


Figure 1. Emission Fee Rate and Marginal Cost of Pollution Control

control is represented by the area $OCX_1$. The sum of these two areas represents the total added cost to the company, which reaches a minimum when $X = X_1$.

Another objective of the emission fees system is to achieve an effective balance between the costs of pollution control and the benefits to be achieved for society. That is, the benefits should always outweigh the costs. This means that the emission fees that are imposed should reflect the costs that the given rate of emission will impose on the community and society as a whole.

Given this objective, the setting of emission fees involves a detailed analysis of the costs to society of a wide range of emission rates for each of the pollutants to be covered under the PSD program. The analysis must take into account all the long term and short term hazards to health, the effects on the ecology, the effects on climate, the effects on buildings, animals, and vegetation and any other effects that can be identified. While some of these effects may be considered aesthetic or subjective in nature, it will be necessary, nevertheless, to ascribe a dollar value to all of them. In this way the effects of a given rate of emission can be totaled, and the emission fee set equal to this amount.

Each company is motivated by its own self-interest to find efficient ways to reduce pollution and thereby reduce its costs. The emission fee system is used to simulate the function of a free market to benefit society as a whole.

Data Requirements

The data requirements for this alternative are:

- Estimated emissions from new major sources
- Meteorology at the location of the new source
- Estimated air quality levels as a result of the new source
- Detailed estimates of damages to society from the emissions remaining
- Marginal costs of control

Advantages

- Compensates society for damages
- Provides incentive to reduce emissions beyond the BACT level of control

Disadvantages

- Marginal costs of control are frequently unknown
- Marginal costs of control may be discontinuous function or step-function
- Damages to society difficult to quantify
- Difficult to set marginal benefit equal to marginal cost
- Emission fee might be considered as license to pollute in lieu of reducing emissions beyond BACT
- Industry may consider the fee an added burden

Implementability

The key to implementing this alternative is how to apply the emission fee concept to the PSD program. The purpose of the PSD program is to "prevent the significant deterioration of air quality" while it is the objective of the emission fees system to provide an incentive for emission reductions. There is no guarantee that the existence of the incentive will actually reduce emissions or prevent deterioration. In other words, once the societal benefits have been calculated and the fee schedule set forth, a company would still have the option of paying the fee and continuing to emit at the BACT level of control.

It will be noted that cost vs. benefit is a more poignant issue for the concept of PSD in clean areas than it is for nonattainment in dirty areas. First, the cost of pollution control is not linear in relation to percent reduction of emissions, but becomes increasingly expensive at higher levels of control, such as may be applied in PSD areas. Second, the benefits to society for additional levels of control are not as clearly evident as for the first levels of control. Once the NAAQS are achieved, the air quality is considered healthful, and further improvements must be based on secondary criteria, such as aesthetics, or damage to vegetation. Thus, at higher levels of pollution control the costs are mounting at an accelerated rate, while the more direct benefits to be achieved may be diminishing.

Unfortunately, the benefits to be achieved by emission reductions beyond BACT will depend upon the geographic location of the emission source. Geographic location implies the existence or absence of meteorological factors and topography which tends to disperse or concentrate pollutants. Location also implies the existence or absence of other pollutant sources which may exacerbate the pollution problem in the area and exaggerate the significance of the amount of emissions remaining after BACT has been applied to a single plant. Different localities vary considerably in their sensitivity to the effects of air pollution. Sensitivity depends upon the type of vegetation, the presence of sensitive species of plants and animals, or man-made structures which may deteriorate. Different localities also have different air pollution impacts upon the resident human population. Therefore, the benefits of given levels of emissions cannot be accurately assessed except for a specified time and space.

The costs of high levels of pollution control may also depend upon location to a certain degree. For example, the economic feasibility of trapping gases and particles in a liquid medium may depend upon the ability of a local wastewater treatment system to accommodate certain types of liquid wastes. Disposal of waste in a solid form may depend upon the existence of a special waste treatment plant or special landfill.

The geographic specificity of costs and benefits has two implications for an emission fees program. First, it is probably infeasible to construct an emission fee schedule that can be applied nationwide. Rather, it will be necessary to conduct a detailed study in the locality of each proposed plant using an area wide meteorological model. Then the air quality impacts must be translated into societal impacts and societal impacts translated into an emission fee schedule specific to the one plant in the one area for the specific time period. Second, these detailed studies will represent a substantial administrative burden and a significant additional cost to the PSD program.

Another concern regarding the implementation of emission fees is that the program may be perceived by industry differently than it is conceived by control agencies. The agency may conceive of the system as a positive, nonregulatory approach that will help industry to make balanced economic choices. Industry, by contrast, may not be able to see past the imposition of additional taxes or fees.

If a company is planning a new plant it must invest a great deal of time, effort, and money to meet the air pollution requirements of BACT. However, if it spends $10 million for pollution control equipment, it may face another $5-10 million in emission fees on top of its already sizeable capital requirements. (If fees are not set at high levels they cannot be effective.) Thus, while the source is already spending a great deal for a high degree of pollution control, it may feel that an unreasonable additional burden is being placed on it, whether it chooses to pay the fees or to add more controls.

### Suggestions

Since Section 165 requires that BACT must be applied to every major stationary source, the emission fee system can really not be used in lieu of the BACT requirement for obtaining emission reductions. However, it can be used for obtaining controls beyond BACT to minimize the consumption of the increment. The fee could be set to reflect the cost of restoring the amount of increment that would be consumed by the emissions permitted after the application of BACT. If the cost of restoring the amount of increment consumed (fee) is greater than the cost of control beyond BACT, then additional control would be imposed. If not, the fee would be paid to the state and local agency which could use the fee to purchase reductions in the future to restore the increment to such a level as to permit additional growth. Since the fee would be used to purchase future offsets or reductions it must account for inflation etc. to ensure that the fee would be adequate to cover the entire cost of purchasing these emission reductions at a given point in time.

## Comparison to Other Alternatives

This alternative could be used by itself or to supplement other alternatives in that it would ensure a more efficient use of the potential growth increment whether it be emission density, air quality or total emissions.

## MARKETABLE PERMITS

### Description of Alternative

The marketable permit alternative establishes a system whereby a permit to emit a certain fixed quantity of emissions is issued and that permit is transferable. Like an emission fee system, the cost of these permits provides an incentive to the source to minimize the quantity of emissions. Furthermore, the exact quantity of emissions within any one area can be regulated by limiting the number of marketable permits within that area.

### Options

Not applicable.

### Applicable Clean Air Act Section

Section 166(d) states:

> "The regulations of the Administrator under subsection (a) shall provide specific measures at least as effective as the increments established in section 163 to fulfill such goals and purposes, and may contain air quality increments, emission density requirements, or other measures."

### Background Information

Transfer of development rights (TDR) or marketable permits is a novel approach to emission control which involves the right to emit air pollutants from a given source and transferring that right to another source. In principle it changes the focus of emission control from the individual source to a geographic area. In this sense TDR is quite similar to the emission quota or density strategies.

Much of the following description of the marketable permit approach is necessarily hypothetical. To date, marketable permits have not yet been used to control air pollutant emissions. Rather the concept comes from recent applications to landmark preservation, open space preservation, ecological resource protection, residential planning, community growth and land use regulation. The similarities between these recent applications and the potential application to air pollution control is striking.

The State or local air pollution control agency (or other agency assigned the responsibility) would identify a ceiling for pollutants emitted within either a large scale governmental unit (e.g., county, a metropolitan area, smaller scale wards or planning districts). This ceiling can be considered analogous to an allowable emission rate for the area and would be calculated through diffusion modeling of incremental changes in current allocation of emissions or through emission density zoning procedures. This allowable ceiling would be compared to a similarly generated actual emission rate. The difference between allowable and actual emissions would represent the immediate set of development rights that could be marketed for the region. If the regional totals are further subdivided into planning unit totals, then the local agency would have the option of assigning the above average amounts of allowable emissions to selected districts. The TDR market would then be subdivided into a number equal to the number of planning districts.

The local agency would issue (or continue in effect) permits specifying the allowable and actual emission rates for individual sources. It is possible that the owner of an emission source would be issued a certificate of development rights which would specify the amount of "undeveloped" emissions which he possesses.

An owner of any undeveloped piece of property or an existing emission source who desires to construct a new emitting facility would have to buy additional development rights on the open market (assuming he did not already possess a sufficient amount in on-hand certificates). This purchase could be either from those persons already possessing certificates of development rights or from the local agency, which would hold title to the difference between a region's allowable and actual emissions.

Owners of existing facilities who were not interested in further development of their facility would be able to sell their rights. In return they would have to give up the right to increase their emissions in the future. In this way the total allowable emissions for the region (or its districts) would not be exceeded. Development rights could be subjected to ad valorem taxation.

The local agency could serve one of the two following roles. It could act as a broker which identifies and links prospective developers, or it could act as the exclusive market for development rights. Hence, the local agency would require that all transactions take place through it. Market forces would dictate the price at which such development rights would be sold.

### Data Requirements

The major data requirements for applying this concept to CO, VOC ($O_3$), and $NO_2$ and Pb are

- A method of determining maximum allowable emissions for a region or subsets of the region; or, in other words, an accurate and reliable method of relating changes in emissions to acceptable changes in air quality,
- A definition of what change in air quality is acceptable,
- Disaggregation of large governmental units, such as states, into smaller, more manageable units, and
- An accurate, up-to-date inventory of the existing distribution of permitted emissions, both allowable and actual.

### Advantages

- The need to model each individual new source would be eliminated,
- Financial strain on government could possibly be lessened, and
- Private market forces could render the process self-regulating.

Disadvantages

- The marketable permit concept only applies to stationary permittable sources. This excludes most CO sources, since motor vehicles contribute to over 80% of CO emissions. Similarly nearly one-half of VOC and $NO_x$ emissions, both ozone precursors, are typically emitted by motor vehicles.
- A second major problem, which relates to the conversion of VOC and $NO_x$ emissions to $O_3$ concentrations, has to do with the mechanism by which this conversion is made. Discussed more thoroughly in the section on emission quota strategies, an acceptable solution to this problem has yet to emerge.
- The novel and untested nature of the marketable permit might make the adoption of such a technique difficult. However, the financial benefits that could possibly accrue may nullify the strength of this argument.

Implementability

It is very likely that a marketable permit system could prove quite difficult to implement. First, the task of relating $O_3$ precursor emissions to allowable $O_3$ air quality increments may prove to be technically infeasible. Second, most $O_3$ precursor emissions and CO emissions are generated by sources that would not be covered by the system. Third, the marketable permit system would probably be managed by governmental officials who have little experience in market processes. Fourth, as a new and relatively untested method of air pollution control, the marketable permit system would face powerful and entrenched opposition in some areas.

Suggestions

Not applicable.

Comparison to Other Alternatives

While this technique will provide for a more economically efficient method of implementing the PSD program, it will require that detailed modeling be done in order to relate emissions to air quality and that because of this, many may be reluctant to implement it. Detailed guidance and information would be needed considerably in advance of the development of State programs.

## "De Minimus" Level

### Description of Alternative

This alternative would not require that a PSD program be developed for an area if the emissions or air quality levels were below a certain de minimus level.

### Options

Not applicable.

### Applicable Clean Air Act Section

Not applicable.

### Background Information

Many counties or areas of the United States have relatively low emission or air quality levels for CO, ozone, $NO_2$ and Pb. Some of these areas are also not projected to have a significant amount of growth for the next 10-20 years. Thus a significant growth in emissions is not expected for the area and the air quality or emission levels are expected to stay relatively stable for the next several years.

### Data Requirements

The data requirements to implement this alternative are:

- Comprehensive and current inventory for a given local area
- Emission estimates for all new major and minor sources
- Mechanism to periodically update emission inventory
- Growth projections for the given local area.

### Advantages

- Avoids the complex procedures and mechanisms associated with a program to review sources on a case-by-case basis with respect to control technology and air quality impact until such time as the growth would become significant.

- Avoids case-by-case review of the one or two smaller major sources which might locate in an area as long as the emissions or air quality concentrations for the area are below some specified level (i.e. de minimus levels).
- Avoids detailed periodic assessments - a mere accumulation or tracking of emissions to date should be all that is needed.

Disadvantages

- Would permit some deterioration to take place up to the de minimus level.
- Might encourage rapid growth within certain areas because they would not be required to have a PSD program involving control technology and air quality impact reviewed on a case-by-case basis.
- Would give some areas an economic advantage over others that would not otherwise have been without the de minimus concept (i.e., one area might be selected over another because of the lack of a detailed program).

Implementability

This alternative would be very easy to implement. The only major difficulty is the determination of the de minimus levels below which no program would be needed. There will be considerable agrument over how many emissions or what air quality level is considered to be so low as to not be of concern under PSD.

Suggestions

Not applicable.

Comparison to Other Alternatives

Since this program addresses more where the program should apply than how it should apply, it can not be compared to the other alternatives which suggest specific ways in which the program could be implemented. It does however limit the extent of the program to only those areas where the emission and/or air quality levels are such that some deterioration of these levels would be of concern and a detailed program to prevent significant deterioration is needed. This approach would be less restrictive that the other alternatives as they would require implementation for all areas independent of the current air quality or emission levels for the area. This alternative could be used in connection with some of the other alternatives and as such is not mutually exclusive.

## TRANSPORTATION BACT

### Description of Alternative

Performance standards for transportation related sources would be developed. These performance standards would be aimed at minimizing congestion. Transportation-related sources would be required to meet these performance standards in the name of Best Available Control Technology (BACT).

### Options

Not applicable.

### Applicable Clean Air Act Section

Section 110(a)(5)(A)-(D) states that

> "Any state may include in a State implementation plan, but the Administrator may not require as a condition of approval of such plan under this section, any indirect source review program. The Administrator may approve and enforce, as part of an applicable implementation plan, an indirect source review program which the State chooses to adopt and submit as part of its plan.
>
> (ii) Except as provided in subparagraph (B), no plan promulgated by the Administrator shall include any indirect source review program for any air quality control region, or portion thereof.
>
> (iii) Any State may revise an applicable implementation plan approved under section 110(a) to suspend or revoke any such program included in such plan, provided that such plan meets the requirements of this section.
>
> (B) The Administrator shall have the authority to promulgate, implement and enforce regulations under section 110(c) respecting indirect source review programs which apply only to federally assisted highways, airports, and other major federally assisted indirect sources and federally owned or operated indirect sources.
>
> (C) For purposes of this paragraph, the term "indirect source" means a facility, building, structure, installation, real property, road, or highway which attracts, or may attract, mobile sources of pollution. Such term includes parking lots, parking garages, and other facilities subject to any measure for management of parking supply (within the

meaning of section 110(c)(2)(D)(ii), including regulation of existing off-street parking but such term does not include new or existing on-street parking. Direct emissions sources or facilities at, within, or associated with, any indirect source shall not be deemed indirect sources for the purpose of this paragraph.

(D) For purposes of this paragraph the term "indirect source review program" means the facility-by-facility review of indirect sources of air pollution, including such measures as are necessary to assure, or assist in assuring, that a new or modified indirect source will not attract mobile sources of air pollution, the emissions from which would cause or contribute to air pollution concentrations--

> (i) exceeding any national primary ambient air quality standard for a mobile source-related air pollutant after the primary standard attainment date, or
>
> (ii) preventing maintenance of any such standard after such date."

Background Information

Approximately 82%, 41%, 45% and 88% of the nationwide emissions for CO, VOC, $NO_x$, and Pb respectively are from motor vehicle related sources. Therefore any further control beyond that currently required by the Federal Motor Vehicle Control Program would have a significant impact on the PSD program for these pollutants.

This alternative presents a mechanism whereby some additional control may be imposed on transportation sources. It does not constitute a preconstruction review by any means where the source's impact upon air quality is evaluated and a decision to grant or deny a permit is made. It merely requires that all sources of HC, CO, $NO_x$, and Pb emissions greater than 250 tons/year must apply BACT as required under the Act. This would apply to both stationary and mobile sources. The BACT review for a mobile source would not constitute a case-by-case assessment but would require that the facility be constructed in such a manner that the emissions would be minimized to the extent that these specifications would represent BACT for transportation sources.

Section 110 of the Act seems to preclude facility-by-facility review of sources to assure that they would not attract mobile sources, the emissions of which would contribute to air quality levels exceeding any NAAQS or preventing the maintenance of any NAAQS. These facility-by-facility reviews would require an air quality assessment and a certification that emissions from mobile sources attracted to this facility would not violate certain air quality levels. The transportation BACT requirement would not be in this same vein. It would establish certain procedures or performance standards for these facilities to minimize the emissions to the maximum extent possible and no further review or certification would be required. That is, there would not be a review against any predetermined air quality levels and an ultimate approval or denial. This air quality assessment would have to be accomplished after the facility became operational through monitored air quality values. If violations are noted then the State plan would have to be revised to correct the noted violations which could require some retrofit of controls or the imposition of certain transportation control measures such as staggered work hours, car pooling, etc.

### Data Requirements

The data requirements to implement this alternative are:

- Performance guides or standards for motor vehicle or transportation related sources
- Motor vehicle emission estimates

### Advantages

- Provides means of controlling motor vehicle related emissions
- Would minimize congestion as well as reducing emissions
- More equitable in that motor vehicle related sources would be sharing more of the control costs with stationary sources.

### Disadvantages

- May still be construed as some type of indirect source review in that the sources would be reviewed to ensure that they were meeting the performance standard.

- May be difficult to provide guidance on what constitutes BACT for motor vehicle or transportation related sources.

Implementability

This alternative theoretically would be easier to implement than many of the other alternatives in that the State or local agency would only have to ensure that the source had met the particular performance standard. However, because of the opposition to transportation control measures in a number of nonattainment areas, this alternative can expect to run into some stiff opposition wherever it might be imposed. Additionally there may be some difficulty in developing the performance standards to represent BACT as there was considerable work and concern over the development of RACT for certain transportation sources for the nonattainment plans.

Suggestions

This alternative permits one to obtain some "handle" on motor vehicles emissions. No modification or suggestion is needed regarding this alternative if the general public would accept the imposition of these measures. Because of the potential for some opposition it may be beneficial to develop some type of educational program which would inform the public of transportation as well as air quality benefits obtained by imposing these measures. This would greatly facilitate the implementation of this alternative.

Comparison to Other Alternatives

Since this is such a specialized alternative it can not really be compared to the other alternatives that have been proposed. It does attempt to resolve some of the potential inequities of a PSD program that cannot require the preconstruction review of indirect sources and which would therefore have to place a great deal of the burden for preventing significant deterioration on stationary sources which for some pollutants are only minor contributors to the over air quality levels.

# INDIRECT SOURCE REVIEW OF FEDERALLY ASSISTED PROJECTS

## Description of Alternative

PSD review would be conducted for all Federally funded or assisted indirect sources and Federally-owned or operated indirect sources.

## Options

Not applicable.

## Applicable Clean Air Act Section

Section 110(a)(5)(A)-(D) states that

> "Any State may include in a State implementation plan, but the Administrator may not require as a condition of approval of such plan under this section, any indirect source review program. The Administrator may approve and enforce, as part of an applicable implementation plan, an indirect source review program which the State chooses to adopt and submit as part of its plan.
>
> (ii) Except as provided in subparagraph (B), no plan promulgated by the Administrator shall include any indirect source review program for any air quality control region, or portion thereof.
>
> (iii) Any State may revise an applicable implementation plan approved under section 110(a) to suspend or revoke any such program included in such plan, provided that such plan meets the requirements of this section.
>
> (B) The Administrator shall have the authority to promulgate, implement and enforce regulations under section 110(c) respecting indirect source review programs which apply only to federally assisted highways, airports, and other major federally assisted indirect sources and federally owned or operated indirect sources.
>
> (C) For purposes of this paragraph, the term "indirect source" means a facility, building, structure, installation, real property, road, or highway which attracts, or may attract, mobile sources of pollution. Such term includes parking lots, parking garages, and other facilities subject to any measure for management of parking supply (within the meaning of section 110(c)(2)(D)(ii), including regulation of existing off-street parking but such term does not include

new or existing on-street parking. Direct emissions sources or facilities at, within, or associated with, any indirect source shall not be deemed indirect sources for the purpose of this paragraph.

(D) For purposes of this paragraph the term "indirect source review program" means the facility-by-facility review of indirect sources of air pollution, including such measures as are necessary to assure, or assist in assuring, that a new or modified indirect source will not attract mobile sources of air pollution, the emissions from which would cause or contribute to air pollution concentrations--

> (i) exceeding any national primary ambient air quality standard for a mobile source-related air pollutant after the primary standard attainment date, or
>
> (ii) preventing maintenance of any such standard after such date.

Background Information

Since 82%, 41%, 45%, and 80% of the nationwide emissions for CO, VOC, $NO_x$, and Pb, respectively, are from motor vehicle related sources. The review of new motor vehicle related emission would seem to be a vital part of any program to protect against significant deterioration for these pollutants. However, the Administrator is precluded by Section 110(a)(5)(A-D) from requiring a State to conduct some type of review of these mobile source related emissions as part of an indirect source review program. While the Administrator is precluded from requiring the State to conduct such a program, he can promulgate regulations where EPA can conduct a review of Federally assisted indirect sources.

The types of projects, for example, which are Federally-funded or which may receive some Federal assistance are:

- airports,
- highways,
- sewage treatment facilities, and
- projects constructed under grants for urban redevelopment (e.g., apartment complexes, low income housing, etc.).
- sport complexes which may be a part of a community redevelopment effort.

Even though the Clean Air Act prohibits indirect source review of other than Federally owned or funded, it requires that the transportation planning be required in those areas which are unable to attain or maintain the NAAQS. Therefore, it would seem that transportation planning or control could be used to prevent significant deterioration as well. While the Clean Air Act calls for transportation planning, the Federal transportation statutes requires "policies and programs conducive to provision of fast, safe, efficient, and convenient transportation at the lowest cost consistent therewith." Independently of each other, the Clean Air Act and transportation statutes each require a planning process and provide funding to assure that the seemingly opposite objectives of the respective statutes are attained. Recently Federal requirements for transportation elements of air quality planning have been merged into the requirements of the single metropolitan transportation planning process. Therefore one planning process can now produce the planning under the Federal Highway and mass transportation statutes.

The most significant milestone in metropolitan transportation planning process was the Federal-Aid Highway Act of 1962. This Act prohibited Federal aid for highway projects in any urban area over 50,000 population unless the projects are based on the continuing and comprehensive transportation plan. Funding for such planning is still available and amounts to one and one-half percent of Federal Aid Highway funds authorized for highway planning and research. These funds may be used by States for statewide, metropolitan, or corridor planning. The 1973 Highway Act earmarked one-half percent of Federal aid funds for metropolitan planning organizations (MPO's) designated by the State. This funding amounts to over $100 million annually.

The Urban Mass Transportation Act of 1964 provides $40 million annually to finance planning programs for unified urban transportation systems.

The Airport and Airways Development Act of 1970 provides for airport planning. Approximately $4 million annually is available to encourage States and metropolitan agencies to consider total airport needs in relation to land use and environmental quality.

Additionally, these highway, mass transit and airport acts require that Federal-aid construction funds go only to those projects that are consistant with adopted area-wide development plans.

Currently transportation planning in metropolitan areas is coordinated by single locally developed DOT-approved "unified planning work program" which incorporates all transportation planning regardless of funding. Federal coordination is further enhanced by the established of the intermodal planning groups (IPG's) at the Federal regional level. These IPG's often include besides the DOT elements, the Department of Housing and Urban Development and the Environmental Protection Agency. Finally a single DOT certification applies to highway and mass transportation modal programs with limitation on capital expenditures if a metropolitan area plan is not acceptable. There are presently 300 urban areas across the country with a population of over 50,000 where this unified work program approach is being carried out.

In November 1978, Congress passed the Surface Transportation Assistance Act of 1978 which called for an interdepartmental coordinated investigation and study on the need for rationalizing and integrating Federal programs. This study is to be done by DOT, DOE, HUD, DOC, EPA, and OMB. The study will investigate the factors affecting:

- Intergration of clean air, energy, mass transportation and highways acts,
- Parallel among rules, regulations, etc., developed pursuant to these acts,
- The availability and coordination of funding sources to achieve improved air quality, energy conservation and transportation efficiency, and
- Degree to which growth, development and funding is predicated upon compliance with the Clean Air Act.

This study is currently underway.

Data Requirements

The data needed to implement this alternative includes:

o Emission estimates for these indirect sources.

o Emission estimates for those secondary emissions which may result from the operation of these sources.

o Information on what sources may be Federally owned or funded.

o List of control measures or alternatives which could be used to minimize the emissions to the maximum extent possible given the definition of BACT.

Advantages

o Would provide a means of controlling transportation related sources.

o Provides for a more equitable treatment of both point and area sources

o Would provide a means of reviewing indirect sources prior to construction to ensure that they would not cause the increments or standards to be violated upon operation.

o Provide for a more complete PSD program in terms of sources which may contribute to increment consumption.

Disadvantages

o Not sure at this time what percent of indirect sources are Federally owned or funded.

o The impact in terms of air quality and emissions as a result of conducting these reviews is uncertain until more emission data become available.

o May be an unnecessary duplication of effort if a majority of these projects are already being reviewed for consistency with the unified work plan and the environmental goals for the area.

o Creates another level of review for projects which are already heavily overburdened with review and evaluation.

o One set of indirect sources (i.e., Federally funded are treated differently than another (non-Federally funded).

- Keeps a portion of the PSD program in the hands of the Federal Government.
- Delays total implementation of the PSD program by the State.
- Will require additional manpower and funding at the Federal level to implement.

### Comparison to Other Alternatives

This alternative only handles a subset of the sources which are contributing to the potential significant deterioration of air quality for $O_3$, CO, $NO_2$, and Pb. As such it is not an alternative which can be implemented by itself in the name of a total PSD program. It does, however, permit both mobile and stationary sources to undergo preconstruction review and removes some of the burden from stationary sources regarding control requirements for PSD. It appears that to the extent possible, any additional regulatory requirements for indirect or transportation-related sources should be avoided if the current review process can accomplish the same overall objective without involving another level of review which could be extremely duplicative.

## APPENDIX B

## RECOMMENDED CRITERIA

A number of alternatives were suggested in Section 2 for implementing the PSD program for VOC or HC, $O_3$, CO, $NO_x$, and Pb, and each alternative has certain advantages and disadvantages. To systemically select the alternatives which should be evaluated in more detail, criteria were developed. The criteria, wherever possible, provide for a quantitative assessment. However, in most cases, the data do not exist for a quantitative assessment and only a qualitative assessment can be performed. With respect to a qualitative assessment, each alternative must be compared in terms of its relative impact rather than its absolute impact since each alternative has disadvantages that limit its capability for completely fulfilling the criteria.

### TECHNICAL FEASIBILITY

The first criterion recommended for consideration is technical feasibility. This criterion is critical to the implementation of a program. Compromising on this criterion would create serious problems. If an alternative is technically infeasible, the program is doomed to failure. If the tools to implement the program are either lacking or technically unsound, the results will be highly questionable and subject to challenge. A State or local agency with limited resources cannot be expected to develop a program which lacks the technical tools for implementing it.

What factors affect the technical feasibility of an alternative? It must be adequately demonstrated that an alternative has been implemented or that there is adequate documentation (or references) to indicate that this approach has been tested on a pilot or demonstration scale, and that there are no known technical reasons for not implementing the approach on a full scale. Technical feasibility also implies a minimum level of reliability--that is, the alternative will produce reproducible results upon which decisions of issuance or denial can be made.

## ECONOMIC FEASIBILITY

The second criterion is economic feasibility. What will be the costs of implementing this alternative? The overall cost of the program will have some impact on what type of program is developed. That is, as long as the alternative will ensure that the basic objectives of the Clean Air Act are met for PSD, the alternative which imposes the least cost should receive the highest consideration.

Economic impact deals with new costs that must be borne and with how these costs will be distributed. Two elements of the costs are:

the impact on the national economy and

the impact on the industrial sector.

A detailed assessment of cost should be conducted when the list of alternatives is narrowed. However, for the purposes of comparing all the alternatives, each alternative is ordered with the most cost intensive alternative receiving the lowest ranking, and the least cost intensive the highest.

## LEGAL FEASIBILITY

The third criterion is the legality of the alternative. Legally, can an alternative be implemented, or is it indirectly or directly precluded by current legislation? Would an alternative directly violate a key provision of the Act?

## BASIC OBJECTIVES OF THE ACT

The fourth criterion is the capability of the alternative to meet the objectives of the Act and its associated legislative history. The Act sets forth the following objectives for the PSD program:

Protect public health and welfare from any adverse affect,

Preserve, protect, and enhance the air quality in certain Federal lands,

Ensure that economic growth will occur consistent with the preservation of existing clean air resources, Assure that emissions will not interfere with any portion of applicable PSD State Implementation Plan in another State, and

Assure that any increase in emissions is permitted only after careful evaluation and public participation.

Section 166 of the Act also outlines elements that should be considered in developing a PSD program for pollutants other than TSP and $SO_2$.

Provide specific numerical measures against which applications for preconstruction permits may be evaluated,

Ensure that these measures are at least as effective as those under Section 163 (increments).

The above objectives (or requirements) will be key elements in determining whether an alternative will meet the basic objectives of the PSD program.

## ADMINISTRATIVE FEASIBILITY

The fifth criterion is administrative feasibility. The capability of an organization to carryout an alternative will be extremely important if the PSD program for VOC or HC, $0_3$, CO, $NO_X$, and Pb is to be implemented in the manner in which it was conceived. The most technically complete plan will not be implemented if the State and local agencies do not have the administrative capability to carry it out. Three considerations are essential for assessing administrative feasibility.

Does the alternative require the State or local agency to develop a new administrative structure to implement it?

Does the alternative represent an approach which is similar to an existing program, so that the agency is relatively familiar with the basic procedures that must be used?

Does the alternative represent the fulfillment of objectives which can be clearly understood by the current State or local agency personnel?

If numerical objectives or indicators are used, the alternative contains some built-in indicators for evaluating its success; however, the indicators should be realistic, and the objective should be attainable for a program to be administratively feasible.

## COMPATIBILITY WITH CURRENT PROGRAM

The sixth criterion is compatibility with the current PSD program. Administrative feasibility is greatly enhanced by the compatibility of the alternative with the current PSD program. Because the sources subject to review will be familiar with many of the basic requirements of the PSD program, compatibility will reduce the amount of time needed to submit requests for preconstruction permits. Also the potential for administrative delay or legal challenges may be avoided because of previous precedents or interpretations of the basic requirements.

## SIMPLICITY

The seventh criterion is simplicity. If the alternative is too complex to be implemented by the majority of State or local agencies or if it requires unique expertise or knowledge not currently contained within the State or local agency, the alternative will not be effectively implemented. An easily, understood alternative will:

simplify the State or local agency's administering of the program

help sources to prepare permit applications without extensive use of manpower or dollars, and

help the public to participate in the decisionmaking process.

## PUBLIC PARTICIPATION

The eighth criterion is encouragement of public participation. Public involvement is one of the basic objectives of the Act, and it is an important criterion for assessing the overall effectiveness of an alternative. Precluding public involvement will severely limit the effectiveness of the alternative in preventing significant deterioration.

## ADMINISTRATIVE COSTS

The ninth criterion is administrative costs. These costs are generally considered to be the cost of administrative personnel and the cost of equipment, supplies, and office space. For PSD, these costs would not include the cost imposed on the source for completing the application or for complying with the requirements but would include:

the cost of additional monitoring by government agencies, the cost of any applied research required by the implementation of an alternative, and

the cost incurred by State and local agencies other than the air pollution agency to assist in the implementation of an alternative.

POLITICAL FEASIBILITY

The tenth criterion is political feasibility. Though several alternatives are technically and economically feasible, they may require drastic changes in the way the current PSD program is carried out and may present some unfavorable situations from a sociopolitical prospective. For example, alternatives which do not provide definitive absolute criteria upon which a denial can be based will be open to a political negotiation. Additionally, some alternatives may require changes in the life style of the local community, which (if past actions are any guide) will cause considerable concern and severe political problems for the State or local agency. The factors to be considered in determining the political feasibility of an alternative are:

uniqueness of the alternative,

provision of absolute criteria for approval/disapproval of permits, and

the potential for changing the life style of the local community or the current method of air quality management.

IMPACT MEASURES

The eleventh and final criterion is how well the alternative will protect air quality--the ultimate measure of significant deterioration. Some alternatives will provide a direct measure of potential air quality impact, others will provide an indirect measure, and still others will provide no measure. The factors to be considered are:

Does the alternative prevent clustering?

Can the air quality standards be protected?

Can the margin for growth be tracked?

Is there a direct or an indirect measure of the air quality impact of a source or group of sources?

## APPENDIX C

## ISSUE DESCRIPTIONS

# ISSUES

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## INDIRECT SOURCE REVIEW

### Description of Issue

How can the air quality of pristine areas of the country best be protected against significant deterioration in situations where emissions from indirect sources represent the most significant threat?

### Applicable Clean Air Act Section

Section 110(a)(5)(A)-(D) states that

> "Any State may include in a State implementation plan, but the Administrator may not require as a condition of approval of such plan under this section, any indirect source review program. The Administrator may approve and enforce, as part of an applicable implementation plan, an indirect source review program which the State chooses to adopt and submit as part of its plan.
>
> (ii) Except as provided in subparagraph (B), no plan promulgated by the Administrator shall include any indirect source review program for any air quality control region, or portion thereof.
>
> (iii) Any State may revise an applicable implementation plan approved under section 110(a) to suspend or revoke any such program included in such plan, provided that such plan meets the requirements of this section.
>
> (B) The Administrator shall have the authority to promulgate, implement and enforce regulations under section 110(c) respecting indirect source review programs which apply only to federally assisted highways, airports, and other major federally assisted indirect sources and federally owned or operated indirect sources.
>
> (C) For purposes of this paragraph, the term "indirect source" means a facility, building, structure, installation, real property, road, or highway which attracts, or may attract, mobile sources of pollution. Such term includes parking lots, parking garages, and other facilities subject to any measure for management of parking supply (within the meaning of section 110(c)(2)(D)(ii), including regulation of existing off-street parking but such term does not include new or existing on-street parking. Direct emissions sources or facilities at, within, or associated with, any indirect source shall not be deemed indirect sources for the purpose of this paragraph.

(D) For purposes of this paragraph the term "indirect source review program" means the facility-by-facility review of indirect sources of air pollution, including such measures as are necessary to assure, or assist in assuring, that a new or modified indirect source will not attract mobile sources of air pollution, the emissions from which would cause or contribute to air pollution concentrations--

> (i) exceeding any national primary ambient air quality standard for a mobile source-related air pollutant after the primary standard attainment date, or
>
> (ii) preventing maintenance of any such standard after such date.

Major Implications

Because motor vehicle related emissions are major portions of the nationwide emissions for CO, VOC, $NO_x$, and Pb (82%, 41%, 45%, and 88% respectively) the review of new motor vehicle emissions would seem critical to any program to protect against significant deterioration for those pollutants.

Pros

- Without the preconstruction review of these sources a considerable amount of the available growth increment will be consumed;
- Indirect source review would prevent violations of the growth increment from taking place; and
- Indirect source review would provide a more equitable review as far as new stationary and mobile sources are concerned.

Cons

- Without indirect source review a much greater burden for control and protection of the increment will fall on new stationary sources and on existing stationary sources if violations of the increment are discovered as a result of unreviewed minor source growth. Violations will be remedied in most cases by requiring tighter controls on existing sources to lower the emissions to a level equal to or less than the prescribed growth increment.

- Requiring indirect source review as part of the PSD program for Set II pollutants would seem to violate the Act in section 110(a)(5) and the legal opinions of the Office of the General Counsel.

## Recommendations

It is recommended that the indirect source preconstruction review option be omitted based on the attached memo from P. Wyckoff to R. Rhoads dated August 7, 1979 concerning indirect source review under section 166. However, some indirect source review may be possible through another route. Section 316 of the Act dealing with sewage treatment grants states:

> "No grant which the Administrator is authorized to make to any applicant for construction of sewage treatment works in any area in any State may be withheld, conditioned, or restricted by the Administrator on the basis of any requirement of this Act except as provided in subsection (b).
>
> (b) The Administrator may withhold, condition, or restrict the making of any grant for construction referred to in subsection (a) only if he determines that--
>
> > (1) such treatment works will not comply with applicable standards under section 111 or 112,
> >
> > (2) the State does not have in effect, or is not carrying out, a State implementation plan approved by the Administrator which expressly quantifies and provides for the increase in emissions of each air pollutant (from stationary and mobile sources in any area to which part C or part D of title I applies for such pollutant) which increase may reasonably be anticipated to result directly or indirectly from the new sewage treatment capacity which would be created by such construction.
> >
> > (3) the construction of such treatment works would create new sewage treatment capacity which--
> >
> > > (A) may reasonably be anticipated to cause or contribute to, directly or indirectly, an increase in emissions of any air pollutant in excess of the increase provided for under the provisions referred to in paragraph (2) for any such area, or
> > >
> > > (B) would otherwise not be in conformity with the applicable implementation plan, or

> (4) such increase in emissions would be in conformity with, or be inconsistent with, the applicable implementation plan for any other State.
>
> In the case of construction of a treatment works which would result, directly or indirectly, in an increase in emissions of any air pollutant from stationary and mobile sources in an area to which part D of title I applies the quantification of emissions referred to in paragraph (2) shall include the emissions of any such pollutant resulting directly or indirectly from areawide and nonmajor stationary source growth (mobile and stationary) for each such area."

Therefore, even though the PSD regulations cannot require indirect source review, EPA can use its authority under section 316 to deny funding to those projects which would cause significant deterioration. Privately funded projects could be constructed without any prior review but could not operate in those cases where an operating permit might be required, if its operation would cause or contribute to a violation of the National Ambient Air Quality Standard or any growth increment established under a PSD program. However many states do not have an operating permit program and even those which do, do not currently require sewage treatment plants or indirect sources to obtain an operating permit. This, however, could be changed such that these sources could at least be prohibited from operating if they would violate an increment or the NAAQS. Without this change, indirect sources could begin operation and violations would not be noted until a new PSD application was received which contained an assessment of the minor source growth (i.e., those sources not required to obtain a permit) that had taken place since the last permit had been issued for the area.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

August 7, 1979

**MEMORANDUM**

OFFICE OF
GENERAL COUNSEL

SUBJECT: Indirect Source Review Under Section 166

FROM: Peter H. Wyckoff, Attorney PHW
Air, Noise and Radiation Division (A-133)

THRU: Michael A. James, Associate General Counsel
Air, Noise and Radiation Division (A-133)

TO: Richard G. Rhoads, Director
Control Programs Development Division (MD-15)

This is in response to your memorandum of June 27, 1979, relating to indirect source review under Section 166 of the Clean Air Act.

## BACKGROUND

In accordance with Section 166, the agency has begun the development of PSD regulations for hydrocarbons (HC), carbon monoxide (CO), ozone ($O_3$) and nitrogen oxides ($NO_x$). In many clean air areas, motor vehicles are and will continue to be the principal sources of those pollutants. Hence, a PSD program for HC, CO, $O_3$ and $NO_x$ would be substantially more effective with indirect source review, than without it. 1/ Section 110(a)(5), however, appears to prohibit EPA as a general rule from requiring a state to include a program of indirect source review in its implementation plan (SIP) and from itself inserting such a program into a SIP.

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1/ An indirect source is one that "attracts, or may attract, mobile sources of pollution." Section 110 (a)(5)(C), 42 U.S.C. §7410(a)(5)(C). Examples of indirect sources are shopping centers, airports, highways, apartment complexes, parking lots, office buildings and sports arenas. H.R. Rep. No. 95-294, 95th Cong., 1st Sess. 220 (1977) (1977 House Report).

## QUESTION

May EPA require under Section 166 that a SIP contain an indirect source review program for PSD purposes?

## ANSWER

No, it may not, except with respect to federally assisted, owned or operated indirect sources.

## DISCUSSION

Taken at face value, Section 110(a)(5) gives the above answer unambiguously. It provides that "the Administrator may not require as a condition of approval of [a SIP]. . . any indirect source review program." 42 U.S.C. §7410(a)(5)(A)(i) (emphasis added). It adds that "no plan promulgated by the Administrator [may] include any [such] program," unless it would apply "only to federally assisted highways, airports, and other major federally assisted indirect sources and federally owned or operated indirect sources." Id. §7410(a)(5)(A)(ii), (B) (emphasis added).

We can find no basis in the statute or its legislative history for not taking Section 110(a)(5) at face value. You suggest that Congress may have intended the prohibition to apply only with respect to nonattainment problems, since preventing HC, CO, $O_3$ and $NO_x$ from significantly polluting clean air would be extremely difficult in some areas without indirect source review. The legislative history, however, undercuts that suggestion. Section 110(a)(5) evolved from the 1977 House bill. See H.R. Rep. No. 95-564, 95th Cong., 1st Sess. 126 (1977) (Conference Report). That bill would have allowed EPA to impose indirect source review for the purpose of attaining a national ambient air quality standard by a statutory deadline, but only as a last resort. See 1977 House Report, at 222-23, 227. So long as any other means existed to attain the standard by the deadline, the Administrator would in general have had no power to impose such review. The conferees, however, rejected even that approach. See Conference Report, at 126. They decided apparently that it was too inequitable even in the worst of nonattainment circumstances to transfer "from the motor vehicle manufacturers to the public and to indirect source owners and operators the burden of protecting public health from dangerous vehicle emissions." 1977 House Report, at 221. In view of that decision, we must conclude that the conferees ~~intended~~ EPA to have the power to impose indirect source review in even the worst of PSD circumstances.

cc: David G. Foster

did not intend

## BASELINE

### Description of Issue

How should the baseline be defined? What is the baseline date? What actions would be counted in determining increment consumption? How would industrial, commercial, and other sources be affected by the various alternatives?

### Applicable Clean Air Act Section

Section 169(4) states:

> "The term "baseline concentration" means, with respect to a pollutant, the ambient concentration levels which exist at the time of the first application for a permit in an area subject to this part, based on air quality data available in the Environmental Protection Agency or a State air pollution control agency and on such monitoring data as the permit applicant is required to submit. Such ambient concentration levels shall take into account all projected emissions in, or which may affect, such area from any major emitting facility on which construction commenced prior to January 6, 1975, but which has not begun operation by the date of the baseline air quality concentration determination. Emissions of sulfur oxides and particulate matter from any major emitting facility on which construction commenced after January 6, 1975, shall not be included in the baseline and shall be counted against the maximum allowable increases in pollutant concentrations established under this part."

### Major Implications

EPA's current regulations set a uniform baseline of August 7, 1977 for TSP and $SO_2$. The court in Alabama Power found that this uniform baseline date deviated impermissibly from Section 169(4) of the Act. As a consequence of the Court's decision, EPA proposes to remove the uniform date and set the baseline concentration at the time after August 7, 1977, of the final application for a permit in an area subject to this regulation. In order to implement this definition EPA generally intends to define area subject to this part on the basis of AQCR's. When a major stationary source for any pollutant regulated under the Act applies for a PSD permit in any part of an AQCR designated as unclassifiable or attainment under Section 107, this action establishes the baseline date for both particulate matter and $SO_2$ in all parts of the AQCR that are designated attainment or unclassified for these pollutants. If, however, the State in its revised SIP for PSD wishes to define area as narrowly as a designated portion of an AQCR this might have the effect of establishing a later baseline date for some areas and increasing the amounts of increment available for growth. The baseline area could also be defined as the area where the source would have its impact. This would necessitate the establishment of detailed and sometimes cumbersome recordkeeping procedures. As more sources apply for PSD permits, areas of source impact would begin to overlap and the system would grow considerable more complex.

Since the baseline definition only triggers the date for consumption of the TSP and $SO_2$ increment, there is some question over which date triggers the consumption of the growth increment for ozone, CO, $NO_2$, and Pb. Since the baseline date for TSP and $SO_2$ is established at the time of the first permit for a major stationary source of any pollutant regulated under the act within the area, it would seem that this should also be the date for establishing the baseline for ozone, CO, $NO_2$, and Pb. That is, new growth is taking place in an area and its impact should be considered in any significant deterioration program regardless of pollutant. In the above definition if a major VOC stationary source is the first permit in the area it would establish the date after which all TSP or $SO_2$ growth would consume increment whether it is a major stationary source of TSP or $SO_2$ or not, i.e., minor source growth. Therefore it would seem reasonable that this same idea would hold true concerning the Set II pollutants. This would mean, however, that major as well as minor source growth would be consuming the margin for growth whether it be emission, air quality, etc., without a review until the PSD Set II regulations concerning increment review would become effective.

By using the above definition of baseline the growth prior to the promulgation of the final regulations for PSD Set II would go unreviewed until the first permit after the effective date of the PSD Set II program. The entire burden for all minor and major source growth for that pollutant would then be placed on the review of this first permit. In some cases the entire growth increment may have been more than used up by this previous growth and the source applying for a permit would have to offset the entire amount over the allowable margin for growth before it could receive approval.

If the baseline date for Set II is not set at the time of any permit after August 7 and is set at the first permit after proposal then the growth taking place between August 7 to the time of proposal would be factored into the baseline. In some cases where growth is rapidly taking place the baseline levels will be so high that there will be very little if any margin for growth available because there may be very little difference if any, between the baseline air quality level and the ceiling or the NAAQS.

The baseline date could also be the date on which the PSD Set II regulations were to have been established, August 7, 1979. That is, any source which had received a permit and which commenced construction prior to that date would be considered as part of the baseline and any of those not commencing construction would consume increments. However, it would necessitate a retroactive type regulation to implement this program.

Pros

- Baseline defined as first permit after August 7 will ensure protection of air quality to the maximum.
- Would be consistent with Set I.

Cons

- Sources will be consuming increment without review. If first permit after August 7, 1977 is used.
- Will place real burden on first source after program is effective.
- Raises retroactivity issue.

- Time of proposal baseline date would permit considerable growth to be factored into the baseline. This could limit the PSD program because the baseline level could be permitted to increase to such a point that the baseline air quality would equal the national ambient air quality standard (NAAQS) or to such a point where less than the full increment would be available for use as the baseline plus increment would equal a level greater than the NAAQS.

Recommendations

There are no specific recommendations at this time until further analysis of the issue is completed.

## INCREMENT ALLOCATION

### Description of Issue

What methodologies, other than first-come-first-served, exist for determining increment allocation?

### Applicable Clean Air Act Section

Not applicable.

### Major Implications

The issue of how permits will be approved or how the particular growth increment will be allocated is not unique to the PSD Set II program; this issue was first addressed in the June 19, 1978 PSD regulations for particulate matter and sulfur dioxide. In the preamble to these regulations, EPA stated that states, in developing their PSD plans for particulate matter and sulfur dioxide, must specify the measures to be used in allocating the available increment. The states were encouraged to examine alternative approaches to the allocation of available increment in order to provide a system which would accomplish their individual growth and planning objectives. EPA initiated a study to evaluate various economic incentives to supplement or replace the current first-come-first-served system for allocating the increment. This study is currently ongoing and no preliminary results are available. Some possible alternatives to supplement or replace the current first-come-first-served method of allocating the increment are marketable permits, emission fees, emission density zoning, auctioning of growth increment, allocating only a specific amount of increment to be consumed during a given period of time and allocating or giving some preference to those sources which employ a large number of persons or which generate additional revenue because of the higher taxes paid by one industry over another.

A marketable permit program would allow a permitted source to sell a portion or all of its permit to another source. The source could use that portion of its permit proportional to the degree to which it reduces emissions below the level specified in the original permit. Another source could purchase these reductions if they were cheaper than the source's own cost of reduction.

An emission fee program would charge a fee to a source according to the quantity of pollutant it emits. This would serve as an incentive to minimize the emissions since reducing the emissions would lower the cost.

Emission density zoning would classify each area according to the quantity of pollutants that could be emitted. Sources would then purchase the "air rights" for enough land to accommodate their emissions. In general these air rights would be more expensive in areas where there is a high demand than in areas where there are fewer sources. More expensive air rights would lead to a higher level of control. A source would hold these air rights and either use them or sell them to another source.

A more detailed discussion of the above concepts can be found in the alternative descriptions for marketable permits, emission fees and emission density zoning.

An auction system would define the available increment for any area and the state or local agency would auction off the increment to the highest bidder. Once a source had purchased the rights to the increment it could either use its rights or sell them to another source.

Another scheme would be to allocate a certain amount of increment to be consumed for a given time. That is, permitting only 25% of the available increment to be used over the next 3 years, then 50% over the next 4 years, etc. A variation of this scheme would be to permit any one given source to only use up to one-half of the remaining increment at the time of its approval. In this way some increment, no matter how small, would always be available for use.

The last scheme would assign priorities to certain industries in terms of the number of people employed or the amount of tax dollars available. These industries would be given first preference in terms of using the available increment or would be given a larger portion of the growth increment than other less desirable sources.

Pros

- Current first-come-first-served method of allocating the increment does not appear in itself to achieve the purposes of the Act on a long term basis.
- Other methods of allocating the increment seem to be more efficient in terms of using a limited resource to the maximum benefit. However, no studies have been done to verify this apparent efficiency.
- Certain methods of allocating the increment would assure that at least some increment, no matter how small, would always be available.

Cons

- There has been some reluctance on the part of some state and local agencies to utilize any mechanism other than first-come-first-served.
- Other allocation schemes will be very difficult to implement as there is very little guidance available on these systems.
- Economic incentive mechanisms would permit very large corporations to hold the emission rights to a number of areas for a long enough period to force out some smaller companies, thereby eliminating the competition.
- Some schemes would eliminate public participation now provided by the first-come-first-served system, which is one of the basic objectives of the PSD program.

Recommendations

Since the issue of first-come-first-served is not unique to the PSD Set II development, it would be unwise to make a recommendation regarding the resolution of this issue without resolving the issue for the PSD program for particulate matter and sulfur dioxide. Hopefully the ongoing work within EPA will provide some additional data for the PSD Set II program which will resolve the issue or at least provide a series of alternatives backed by some quantitative assessments that will enable states and local agencies to select one or two allocation schemes which could realistically be implemented.

## INTERSTATE ALLOCATION

### Description of Issue

How should the increment be allocated among states in an area that includes two or more states?

### Applicable Clean Air Act Section

Section 160 of the Clean Air Act states that:

"The purposes of this part are as follows:

...(4) to assure that emissions from any source in any State will not interfere with any portion of the applicable implementation plan to prevent significant deterioration of air quality for any other State; and..."

Additionally, section 126(a) states:

"(a) Each applicable implementation plan shall-

(1) require each major proposed new (or modified) source-

(A) subject to part C (relating to significant deterioration of air quality) or

(B) which may significantly contribute to levels of air pollution in excess of the national ambient air quality standards in any air quality control region outside the State in which such source intends to locate (or make such modification),

to provide written notice to all nearby States the air pollution levels of which may be affected by such source at least sixty days prior to the date on which commencement of construction is to be permitted by the State providing notice, and..."

### Major Implications

This issue is not unique to PSD Set II. It is an issue which is common to PSD Set I, new source review in nonattainment areas, and general SIP development to attain the National Ambient Air Quality Standards. The issue of interstate pollution has been in existance for a number of years. It poses several questions regarding interactions between states and to date no long-term solution has been developed. EPA has proposed a number of short-term alternatives for handling this question and is currently assessing the requirements regarding section 126 to determine if some additional guidance or information is needed. Guidance on interstate allocation of the growth increment can be found in two places, the preamble to the June 19, 1978 PSD regulations and a memorandum from Mr. David Hawkins to Dr. Kathleen Camin dated July 26, 1978 dealing with Union Electric Variance - Interstate Equity.

The June 19, 1978 PSD regulations state at 43 Federal Register 26402 that the Administrator is pursuing various mechanisms to allocate the increment where the source would impact an interstate area. If an interstate dispute arises before more definitive guidance can be prepared, the Administrator intends to restrict increment consumption to equal amounts at the state line.

The July 26, 1978 memorandum states that: "In general, consumption of the growth potential relative to the $SO_2$ NAAQS should be divided equally among the two states at the border. That is, each state will have use of one-half of the air quality difference between the NAAQS and the ambient concentration now allowed at the border."

A recent supreme court case, City of Philadelphia vs. New Jersey, seems to add some additional insight concerning this issue. The court, in rendering its decision, discussed its previous anti-protectionist decisions whereby one state attempted to isolate itself from the national economy. The court indicated that " a state may not accord its own inhabitants a preferred right of access over consumers in other states to natural resources located within its borders", (11 ERC 1774).

This decision would seem to say that the state can manage its own resources but that both in and out-of-state sources must be treated equally.

Section 126 of the Act is activated on a case-by-case basis. It indicates that a source may not interfere with measures adopted by a neighboring state for the prevention of significant deterioration. If the sources meet all the requirements of the neighboring state it would appear that they could construct and consume as much of the increment as would be permitted under the neighboring state plan for allocating the increment.

Pros

- Some type of allocation scheme for interstate disputes does provide for a more equitable use of the increment by both states.
- Allocation scheme may avoid lengthy and costly court suits over interstate problems.

Cons

- Supreme Court seems to indicate that such allocation schemes where sources are not treated fairly would be unconstitutional.
- No need to develop a special alternative for handling interstate allocation problems outside the SIP's, if states develop their own PSD plans which have some method for allocating the increment within their State, since section 126 prohibits on a case-by-case basis sources in one state from violating the PSD program in another state.
- Allocation schemes developed outside the state plans tend to be arbitrary and pose some real enforcement problems.

Recommendations

Since this issue transcends a number of programs it would seem unwise to resolve it independently as part of PSD Set II regulatory development. Resolution of this issue should be closely coordinated with the other programs to ensure that a technically feasible solution is developed which has a more universal application. Until such time as a long term solution is reached, the current guidance in the June 19, 1978 PSD regulations should be used in the development of the PSD Set II program.

## DEGREE OF STATE FLEXIBILITY

### Description of the Issue

What level of detail is most appropriate for Federal regulations promulgated under this program and what degree of flexibility should be left to the States?

### Applicable Clean Air Act Section

Not applicable.

### Major Implications

If not enough detail is provided regarding the program the states will be unsure of the minimum requirements for an acceptable plan; thereby creating a great deal of uncertainty. This could cause the development of inconsistent and technically unsound PSD programs which will either have to be corrected by the state or EPA through a promulgation of a substitute program. However, if the requirements are too rigid the state may be unwilling to develop its own program and EPA promulgation would still be necessary.

### Pros

- Very detailed guidance or regulations will ensure that an adequate and implementable program will be developed;
- Detailed guidance will ensure absolute consistency from area to area;
- Detailed guidance will leave little doubt regarding what is required; and
- Some flexibility is needed on how the growth increment is to be allocated to permit local involvement in permit issuance.

### Cons

- Too much detail regarding all aspects of the program will stifle state input;

- Very general requirements which only outline the basic objectives of the program will permit confusion and inconsistency especially in interstate situations where transport is concerned.
- Too much flexibility would make the consolidated permit concept of "one stop shopping" very difficult if not impossible to implement on a national scale.

Recommendations

The recommended approach would be to provide the basics of the program; that is, who is subject, what is considered to be significant deterioration, numerical measures against which permit applications may be evaluated etc. and permit the state the flexibility to determine how the available growth margin is to be allocated, what is BACT and what type of tracking system will be used. Equivalency regarding the numerical measures could be permitted but this could lead to widely varying approaches. In some cases equivalent systems may not be compatible (e.g., increments vs. statewide bubble or inventory management with public involvement) and severe problems could develop where growth might be permitted under one system and not under another over time.

## MONITORING

### Description of Issue

How much preconstruction monitoring will be required? How much postconstruction monitoring?

### Applicable Clean Air Act Section

Section 165(e)(1) states:

> "The review provided for in subsection (a) shall be preceded by an analysis in accordance with regulations of the Administrator, promulgated under this subsection, which may be conducted by the State (or any general purpose unit of local government) or by the major emitting facility applying for such permit, of the ambient air quality at the proposed site and in areas which may be affected by emissions from such facility for each pollutant subject to regulation under this Act which will be emitted from such facility."

Section 165(e)(2) states:

> "Effective one year after date of enactment of this part, the analysis required by this subsection shall include continuous air quality monitoring data gathered for purposes of determining whether emissions from such facility will exceed the maximum allowable increases or the maximum allowable concentration permitted under this part. Such data shall be gathered over a period of one calendar year preceding the date of application for a permit under this part unless the State, in accordance with regulations promulgated by the Administrator, determines that a complete and adequate analysis for such purposes may be accomplished in a shorter period. The results of such analysis shall be available at the time of the public hearing on the application for such permit."

### Major Implications

As a result of Alabama Power vs. Costle 13 ERC 1225, EPA has proposed to revise its current PSD regulations for TSP and $SO_2$ with regard to certain aspects of the monitoring requirements which have a direct relationship to the PSD program for Set II.

The court held that section 165(e)(1) of the Act requires an ambient air quality analysis for each pollutant subject to regulation under the Act prior to applying for a PSD permit. Therefore, preconstruction monitoring data will be required for a source unless the estimated impact from the proposed source is lower than some de minimis air quality level and the source is not a major stationary source for the pollutant. The de minimis levels proposed on September 5, 1979 are shown in Table I. However the de minimis exemption not to require monitoring may be waived when the proposed source would impact a class I area. While a source is permitted to use existing representative data in lieu of new monitoring, it is unlikely that there is adequate existing data available for ozone, CO, $NO_2$, and Pb to avoid conducting preconstruction monitoring.

With regard to post construction monitoring the current PSD regulations give EPA the authority to require post construction monitoring. EPA intends in its proposed regulations of September 5, 1979 developed pursuant to the Alabama Power decision to require post construction monitoring for large sources of particulate and sulfur dioxide. It would seem that a similar type requirement should hold true for a PSD Set II program especially since many non-air quality approaches are being considered for PSD Set II.

Pros

- Post construction monitoring would almost be essential if other than an increment approach is used to ensure that the standard is not being violated as a result of the operation of a source which has been given approval to construction under PSD.
- Recent Alabama Power court decision requires that it be done under the current PSD program.

Cons

- Preconstruction and post construction monitoring will be very costly.
- Postconstruction monitoring per se is not adequate to track the consumption of the increment given the definition of baseline and what does or does not consume increment.

## TABLE I. DE MINIMIS LEVELS

Pollutant and Air Quality Impact

Carbon monoxide - 500 $\mu g/m^3$, 8-hour avg.

Nitrogen dioxide - 1 $\mu g/m^3$, annual.

Total suspended particulates - 5 $\mu g/m^3$, 24-hour.

Sulfur dioxide - 5 $\mu g/m^3$, 24-hour.

Ozone - -*

Lead - .03 $\mu g/m^3$, 3-month.

Mercury - 0.1 $\mu g/m^3$, 24-hour.

Beryllium - .005 $\mu g/m^3$, 24-hour.

Asbestos - 1 $\mu g/m^3$, 1-hour.

Fluorides - .01 $\mu g/m^3$, 24-hour.

Sulfuric acid mist - 1 $\mu g/m^3$, 24-hour.

Vinyl chloride - 1 $\mu g/m^3$, maximum value.

Total reduced sulfur:

- Hydrogen sulfide - 1 $\mu g/m^3$, 1-hour.
- Methyl mercaptan - .5 $\mu g/m^3$, 1-hour.
- Dimethyl sulfide - .5 $\mu g/m^3$, 1-hour.
- Dimethyl disulfide - 2 $\mu g/m^3$, 1 hour.

Reduced sulfur compounds:

- Hydrogen sulfide (see above).
- Carbon disulfide - 200 $\mu g/m^3$, 1-hour.
- Carbonyl sulfide - 200 $\mu g/m^3$, 1-hour.

*No de minimis air quality level is proposed. However, any net increase of 100 tons per year of VOC subject to PSD is required to conduct ambient air quality monitoring.

Recommended Solution

Since preconstruction monitoring is currently required except where the de minimis exemption as proposed on September 5, 1979 applies, preconstruction monitoring does not really represent an issue for resolution under the PSD Set II regulatory development.

While post construction monitoring for TSP and $SO_2$ sources is more or less discretionary, it is recommended that it be less discretionary for ozone, CO, $NO_2$, and Pb. This is due to the lack of adequate monitoring data for these pollutants and the fact that many of the approaches to implement PSD Set II would not directly consider the air quality impact of a source during the preconstruction review.

# MODELING

## Description of Issue

Given the difficulty of modeling many of the Set II pollutants, what type and level of detail of modeling can or should be required?

## Applicable Clean Air Act Section

Section 165(e)(3)(D) states that the Administrator shall promulgate regulations which

> "shall specify with reasonable particularity each air quality model or models to be used under specified sets of conditions for purposes of this part. Any model or models designated under such regulations may be adjusted upon a determination, after notice and opportunity for public hearing, by the Administrator that such adjustment is necessary to take into account unique terrain or meteorological characteristics of an area potentially affected by emissions from a source applying for a permit required under this part."

## Major Implications

The June 19, 1978 PSD regulations indicated that EPA's assessment of the air quality impacts of new major sources and modifications will be based on the "Guideline on Air Quality Models", OAQPS 1.2-080, April 1978. This guideline was incorporated by reference into the regulations. Sources may be given approval to use air quality dispersion models other than those noted in the guidelines if the model recommended in the guideline and the model proposed by the source are comparable.

The guideline recommends those air quality models that should be used for conducting PSD review. It also identifies factors that determine the suitability of models for an individual situation, presents classes and subclasses of models, and addresses special modeling problems. The guideline presents information for modeling TSP, $SO_2$, CO, and $NO_x$. It does not, however, present information regarding modeling of photochemical oxidants. These models are undergoing a critical review and information regarding them will be provided at a later date.

With regard to CO and $NO_x$, the point source screening techniques described in Volume 10 of the Guidelines for Air Quality Maintenance Planning and Analysis, "Procedures for Evaluating Air Quality Impact of New Stationary Sources", can be used. However, no specific refined modeling techniques are recommended. Those situations which require more refined techniques will be considered on a case-by-case basis with the use of expert consultation. For $NO_x$, the use of any models other than photochemical ones require an assumption that all $NO_x$ is emitted in the form of $NO_2$ or is converted to $NO_2$ by the time it reaches the ground and that $NO_2$ is a nonreactive pollutant. For sources locating in areas where atmospheric photochemical reactions are significant, a Rollback model may be used as a preliminary assessment to evaluate the impact of the source or sources.

There are five (5) types of ozone prediction methods that are currently available. These models vary from simple algebraic relationships to sophisticated numerical models. In general, the simple methods tend to ignore or to treat superficially many atmospheric processes that affect the formation of ozone. The sophisticated numerical models on the other hand, treat these processes in detail but are very costly to use and require large amounts of input data. The five (5) ozone models are: linear rollback, modified rollback, empirical kinetic modeling approach (EKMA), trajectory models, and grid models. Most of these models have been developed for a region-wide application rather than for a specific individual point source. They are also more orientated for use in urban rather than rural areas.

One of most sophisticated grid models is the Airshed Model, which has the ability to simulate the behavior of up to 20 pollutants. When photochemical simulations are carried out by this model, 11 species must be included:

paraffins
olefins
aromatics
aldehydes
peroxyacetyl nitrate
carbon monoxide
nitric oxide
nitrogen dioxide
ozone
nitric acid
hydrogen peroxide

Additionally a number of other parameters regarding emissions and surface uptake, meteorology, air quality, chemical mechanisms, etc., must be input. As can be seen these input requirements are considerable and costs to perform the necessary computer calculations are therefore significant.

The use of air quality modeling in the PSD Set II program is one of the most perplexing problems. Either the models are so simple that their predictions could not be used to assess a sources impact against some incremental value (i.e., the model is highly suspect in its ability to predict small incremental changes in air quality) or the model is so sophisticated that it requires more detailed data than would ever be reasonably expected to exist for an attainment area.

While the above is true for CO, ozone, and $NO_2$ it is not true for Pb. Models do exist which would permit an assessment of the air quality impact of a new lead source to be conducted. The models outlined in the Guideline on Air Quality Models can be used. These models, however, do not account for deposition of large partcles. Guidance is provided in Appendices D and E of the Supplementary Guidelines for Lead Implementation Plans, OAQPS 12-104, August 1978, on how one might account for deposition.

Pros

- Without the use of air quality models the PSD Set II program cannot adequately assess the impact of an individual source's contribution to air quality.
- The less sophisticated models may provide the level of detail necessary, based on the data that exists or can reasonably be expected to exist, to conduct periodic checks of emission based alternatives to ensure that the air quality levels have not deteriorated.

Cons

- The use of any model especially for ozone no matter how it will be used, will come under severe criticism and challenge.
- The State-of-the-Art for modeling $NO_x$ and ozone from isolated new sources has not advanced to a point that would permit one to use a routine off-the-shelf, model to estimate the impact of such sources.

## Recommendations

Based upon the information currently available and the lack of detailed data on emissions, air quality, etc., it is recommended that the use of modeling be restricted to those simple modeling techniques. These techniques would be used to periodically check the overall air quality impact of the PSD Set II program for a broad geographic area to ensure that the air quality has in fact, not deteriorated. Additionally this modeling evaluation would be checked by the use of both pre and post-construction monitoring data. However, for Pb, since models do exist, it recommended that they be used to obtain a more direct indication of air quality impact on a source-by-source basis.

## DATA AVAILABILITY

### Description of Issue

How much data are available for rural areas? Which alternatives would only need existing data and which would require substantially more data than are currently available?

### Applicable Clean Air Act Section

Not applicable.

### Major Implications

Since most of the clean air areas are located in rural areas, the PSD program should be geared to the type of information that currently exists or could reasonably be expected to exist in a rural area. The most sophisticated alternative for implementing the PSD program will only be as good as the data available to implement it. In many cases very little emissions or air quality data for ozone, CO, $NO_2$, or Pb exists in rural areas. Since the problems with these pollutants have generally been associated with urbanized areas, the rural areas have received little or no attention regarding updating the emission inventories or expanding the air quality monitoring program. In most rural areas an emission inventory consisting of point and area source emission totals for five major source categories (Fuel Combustion, Industrial Process, Solid Waste Disposal, Transportation and Miscellaneous) will exist on a countywide basis for each of the pollutants with the exception of lead because it is a relatively new criteria pollutant. Generally the existing point sources which emit over 100 tons per year for any one pollutant would be listed but this is not always the case. In those cases where point sources have been inventoried this information should have been submitted to the National Emission Data System (NEDS). The type of information which may be provided for point sources would include annual operating rates, amount of fuel burned, amount of material processed and estimated emissions. In many cases the emission estimates are calculated by NEDS using generalized emission factors. However, this inventory of point sources may be several years old as most states did not revise their entire emission inventory in response to the 1979 SIP revisions but rather only updated the inventory for those areas and pollutants which were designated as nonattainment.

The area source data in NEDS contains information on all emission sources not identified as point sources. Unlike data for point sources, data for each of these small individual sources are not noted in NEDS. Rather, estimates of total emission levels for specific categories are stored. Area source data are developed primarily from reports published by other Federal agencies or data from State or local agencies. States are not required to periodically update their area source inventories and therefore EPA uses the best information available on a national basis to annually update the area source inventory.

The air quality data in the rural areas with regard to those pollutants are also very limited. Much of the air quality data that does exist is the result of short term monitoring programs conducted by potential new sources or state agency personnel to perform a screening study for the area. Therefore much of the data would have very limited value in that it may only have been conducted for a month or so. The current air quality data can, however, be strengthened and expanded by the requirements in the current PSD regulations to conduct both pre and post construction monitoring. However this data would not be for specific VOC species, etc., but would be for ozone.

The emission inventories that would exist or could be generated for the rural areas would be for total VOC's and not for specific compounds. Additionally, the specific data available on vehicle miles traveled, etc. necessary to conduct detailed emission inventories for VOC, CO, $NO_x$, and Pb are also not available.

Because of the lack of detailed and adequate emission inventories, many of the alternatives under consideration will be only marginally effective if at all because the data does not exist to permit the alternative to produce meaningful results.

Pros

- Certain alternatives such as emission controls, emission density zoning, inventory management, statewide emission limitations, de minimus levels could be implemented with the limited air quality and emissions data that exists in rural areas.
- Because there is limited data those techniques which are technically less sophisticated are more favorable.

Cons

- Much of the data needed to perform dispersion modeling for sources locating in rural areas does not exist.
- Many of the more sophisticated models, such as the Airshed Model, were developed for use in data rich urbanized areas and are not really adaptable to rural situations.
- Alternatives which require detailed information on emissions or control costs would find limited use in rural areas. These include increments, avoiding colocation, emission fees, marketable permits, and transportation BACT.

Recommendations

Not applicable.

## SOURCE APPLICABILITY

### Description of the Issue

What size and type of sources should be subject to preconstruction review for PSD Set II?

### Applicable Clean Air Act Section

Section 169(i) defines major emitting facility (source) for the purposes of PSD as:

> "of the following stationary sources of air pollutants which emit, or have the potential to emit, one hundred tons per year or more of any air pollutant from the following types of stationary sources: fossil-fuel fired steam electric plants of more than two hundred and fifty million British thermal units per hour heat input, coal cleaning plants (thermal dryers), kraft pulp mills, Portland Cement plants, primary zinc smelters, iron and steel mill plants, primary aluminum ore reduction plants, primary copper smelters, municipal incinerators capable of charging more than two hundred and fifty tons of refuse per day, hydrofluoric, sulfuric, and nitric acid plants, petroleum refineries, lime plants, phosphate rock processing plants, coke oven batteries, sulfur recovery plants, carbon black plants (furnace process), primary lead smelters, fuel conversion plants, sintering plants, secondary metal production facilities, chemical process plants, fossil-fuel boilers of more than two hundred and fifty million British thermal units per hour heat input, petroleum storage and transfer facilities, with a capacity exceeding three hundred thousand barrels, taconite ore processing facilities, glass fiber processing plants, charcoal production facilities. Such term also includes any other source with the potential to emit two hundred and fifty tons per year or more of any air pollutant. This term shall not include new or modified facilities which are nonprofit health or education institutions which have been exempted by the State."

Section 165(a) states:

> "No major emitting facility on which construction is commenced after the date of the enactment of this part, may be constructed in any area to which this part applies unless..."

### Major Implications

The Clean Air Act seems to provide very little flexibility as to which sources are subject to PSD review. Section 169(i) defines those sources subject to review in terms of both size and type. However, there may be some question as to whether this definition should be modified for lead since the present point source definition for lead in 40 CFR 51 differs considerably from the point source definition for other pollutants; 5 tons/year as compared to either 100 tons/year for urbanized areas or 25 tons/year for less urbanized areas. There is good reason for this difference as the current National Ambient Air Quality Standard (NAAQS) for lead is set at a level which is considerably lower than the NAAQS for other pollutants.

Pros

- Current definition may be too lenient for lead especially since the ambient standard for lead is so low.
- Act specifies size and type of source; therefore, with the exception of lead, this is not an issue.

Cons

- Would possibly necessitate a change to the act.
- Would add to the complexity of applicability if a different definition would apply to lead.

Recommendations

It is recommended that the current definition in the act be used to determine source applicability under the regulations and that the proposal for PSD Set II should not differeniate between lead and other pollutants but seek comments regarding such a differentiation during the public comment period.

## TREATMENT OF CLASS I AREAS

### Description of Issue

How will Class I areas and surrounding areas which impact them best be treated?

### Applicable Clean Air Act Section

Section 162 states that:

> "(a) Upon the enactment of this part, all--
>
> (1) international parks,
>
> (2) national wilderness areas which exceed 5,000 acres in size,
>
> (3) national memorial parks which exceed 5,000 acres in size, and
>
> (4) national parks which exceed six thousand acres in size, and which are in existence on the date of enactment of the Clean Air Act Amendments of 1977 shall be class I areas and may not be redesignated. All areas which were redesignated as class I under regulations promulgated before such date of enactment shall be class I areas which may be redesignated as provided in this part.
>
> (b) All areas in such State identified pursuant to section 107(d)(1)(D) or (E) which are not established as class I under subsection (a) shall be class II areas unless redesignated under section 164."
>
> "Section 166(d) and (e) states that: the regulations of the Administrator under subsection (a) shall provide specific measures at least as effective as the increments established in section 163 to fulfill such goals and purposes, and may contain air quality increments, emission density requirements, or other measures.
>
> (e) With respect to any air pollutant for which a national ambient air quality standard is established other than sulfur oxides or particulate matter, an area classification plan shall not be required under this section if the implementation plan adopted by the State and submitted for the Administrator's approval or promulgated by the Administrator under section 110(c)

> contains other provisions which when considered as a whole, the Administrator finds will carry out the purposes in section 160 at least as effectively as an area classification plan for such pollutant. Such other provisions referred to in the preceding sentence need not require the establishment of maximum allowable increases with respect to such pollutant for any area to which this section applies."

Major Implications

Section 160 of the Act sets forth several purposes of the PSD program, one of which is to "preserve, protect and enhance the air quality in national parks, national wilderness areas, national monuments, national seashores, and other areas of special national or regional, natural, recreational, scenic, or historic value." Section 162 of the Act establishes the initial classifications for all areas identified pursuant to section 107(d)(1)(D) or (E) as either mandatory class I or class II unless redesignated under section 164. A review of section 107(d)(1)(D) and (E) finds that these are areas which cannot be classified as to their attainment status for $SO_2$ or particulate matter; which have ambient levels better than any national primary or secondary air quality standard other than for sulfur dioxide or particulate matter; which do not have sufficient data to classify the area as not attaining the standards for any air pollutant other than $SO_2$ or particulate matter; and which are not attaining a national secondary ambient air quality standard. Therefore, it appears that the initial classification of certain areas as class I and others as class II applies not only to particulate matter and $SO_2$ which have increment values associated with these classifications but also to VOC, $NO_x$, and CO for which designations were made under section 107.

Thus the concept of a classification system seems to exist for VOC, $NO_x$, and CO even though the specific numerical values that would be associated with such a classification scheme were not established by the Act. The Act gives that authority to the Administrator of EPA under section 166. However, because areas were not classified as attainment or nonattainment for Pb, the same analogy does not necessarily hold true. Although it would still seem reasonable that some type of classification system would also apply to Pb especially with regard to pristine or class I areas.

While section 162 seems to indicate that the concept of a classification may exist for VOC, $NO_x$, and CO, section 166 indicates that States do have the option of developing a PSD system which on the whole is at least as effective as the area classification scheme. This seems to further indicate that some type of classification system would be the norm or the standard against which an alternative State scheme would be judged in terms of its overall equivalency. Additionally such a scheme would not necessarily have to include maximum allowable increases for these pollutants.

Even if the current classification system did not apply to VOC, $NO_x$, and CO, it would seem that certain major Federal lands would have to receive some special consideration above and beyond that for other areas to fulfill the intent of section 160 regarding the purpose of the total PSD program set forth in part C of the Act (sections 160-169).

Pros

- A classification system will enhance the PSD Set II program's ability to meet the goals and objectives of the Act especially with respect to certain Federal lands.
- A classification system provides more form and substance to the Set II program as there is a clear distinction between pristine areas which should have minimal deterioration and areas where moderate growth should be allowed.
- The Clean Air Act seems to have already established the classification system with the specific numerical values to be provided after further study and evaluation.

Cons

- The classification system would seem to limit some of the options or alternatives which could be implemented for PSD Set II as many alternatives do not provide for any distinction between areas (e.g., statewide bubble, inventory management, FMVCP & BACT, marketable permit, etc.).

- Avoiding a classification system would seem to be in violation of the Act either directly, if the above interpretation of section 162 is correct, or indirectly by failing to provide some consideration for protecting certain Federal lands as specifically spelled out in section 160.

### Recommended Solutions

It appears from the language in the Act that the class I and class II system already exists for the Set II pollutants and that there is very little discretion as how these class I areas would be treated, that is, basically they must be protected. The only flexibility which seems to be given to EPA is the assigning of specific numerical values to the classification scheme. However, the States in developing their PSD plans could develop a program which does not include an area classification system as long as the State's plan was, on the whole, equivalent to the area classification scheme.

## MOBILE SOURCE CONTROL

### Description of Issue

What type of additional control requirements can or should be placed on mobile sources? What should be the balance between control of mobile sources versus stationary sources?

### Applicable Clean Air Act Section

Section 209(a) of the Act states:

> "No State or any political subdivision thereof shall adopt or attempt to enforce any standard relating to the control of emissions from new motor vehicles or new motor vehicle engines subject to this part. No State shall require certification, inspection, or any other approval relating to the control of emissions from any new motor vehicle or new motor vehicle engine as condition precedent to the initial retail sale, titling (if any), or registration of such motor vehicle, motor vehicle engine, or equipment."

However, Section 177 states with respect to nonattainment areas:

> "Notwithstanding section 209(a), any State which has plan provisions approved under this part may adopt and enforce for any model year standards relating to control of emissions from new motor vehicles or new motor vehicle engines and take such other actions as are referred to in section 209(a) respecting such vehicles if..."

### Major Implications

Since mobile source emissions account for a significant portion of the current emission inventories for CO, VOC, $NO_2$, and Pb, (82%, 41%, 45%, and 88% respectively) their impact upon the PSD program will be significant. However, it appears from a reading of the Act that States are precluded from requiring any additional controls regarding motor vehicles. Also as indicated in the issue descriptions regarding indirect source review, the Administrator of EPA is precluded from requiring indirect source review. Thus there is a major concern that mobile or indirect sources will consume a large portion of the increment and that with the exception of the Federal Motor Vehicle Control Program these sources will be uncontrolled.

While the preproduction certification program demonstrates the manufacturers' capability of designing vehicles which can meet the Federal Motor Vehicle emission standards, it does not address the question of in-use vehicles. Over the past 10 years, testing has consistently indicated that a significant number of vehicles on the road fail to meet the automotive standards. This occurs for a variety of reasons: Production variability, tampering with or neglect of a car's emission control system or use of leaded gasoline in a car that requires unleaded. Therefore, in many cases it is essential that a strategy be devised to improve the performance of in-use vehicle. One such strategy is I/M. I/M programs involve periodic testing of each car within a given locality and a refusal to register any vehicle that fails the test and is not subsequently repaired.

Pros

- Requiring some type of additional control of motor vehicles or indirect sources would allow the cost of the PSD Set II program to be more equitably shared between mobile and stationary sources.
- Additional control on mobile sources will minimize consumption of the increment.

Cons

- Would necessitate change in the Act.
- Additional controls will further burden a control program which is already coming under fire from either being too restrictive in some cases to not being strict enough in other cases because of the deterioration of the certain control devices.
- Additional controls will run into public opposition similar to the problems with transportation control measures and I/M.

Recommendations

While additional controls on motor vehicles and the requirement to conduct indirect source review seems to be precluded, some controls on certain transportation related sources in the name of BACT may be required. While these controls would not require motor vehicles to meet any standards other than those imposed by the Federal Motor Vehicle Control Program, they would require that certain transportation related projects minimize their emissions in the name of BACT. The transportation BACT requirement would establish certain procedures or performance standards for these transportation related projects to minimize the emissions to the maximum extent possible and would not involve any further review or certification. That is, there would not be a review against any predetermined air quality levels and an ultimate approval or denial. This air quality assessment would have to be accomplished after the facility became operational through monitored air quality values. If violations are noted then the State plan would have to be revised to correct the noted violations which could require some retrofit of controls or the imposition of certain transportation control measures such as staggered work hours, car pooling, etc.

These controls would for the most part eliminate or reduce congestion, increase traffic flow, etc., in addition to minimizing emissions. A more complete explanation of how this system might be implemented can be found in the description of the transportation BACT alternative.

## GEOGRAPHIC APPLICABILITY

### Description of Issue

What size area would be most appropriate under an emission density zoning system? Under an increment system?

### Applicable Clean Air Act Section

Not applicable.

### Major Implications

The size of the area over which an emission density zoning program will be implemented will have a significant impact upon the amount of growth that would be permitted for a given area. It will also have an impact upon how much clustering may take place for a given area and whether this clustering will cause air quality to significantly deteriorate or reach a level where possible violations of the National Ambient Air Quality Standard (NAAQS) could exist. If the area is too large over which a source may disperse its emissions, the source in a sense would be using a type of dispersion technique. That is, the amount of emissions per square mile could be decreased by the source purchasing more land over which to average its emissions. While section 123 prohibits dispersion techniques in terms of air quality impact, it is unclear whether the above technique of purchasing more land to reduce the emission density would be considered a dispersion technique. Additionally, if the amount of emission density permitted per square mile is too high in proportion to the size of the area, the air quality for the area could significantly deteriorate while the emission density per square mile would be within the limits permitted under an emission density program to prevent significant deterioration. Thus the size of the area and the amount of emissions permitted per square mile will depend upon the technical resolution of relating emissions density to air quality levels.

In addition to the technical aspects of determining the size of the area, there are political or policy concerns which also must be considered. The size of the area for implementing an EDZ program will depend upon the availability of data for a given area. That is, what is the smallest governmental unit for which an EDZ program may be developed, i.e., planning districts, zones, towns, counties, AQCR's, 208 Planning Areas, etc. Additionally many rural areas have very limited data. More information concerning the availability of data in rural areas can be found in the issue description on data availability.

The size of the area over which an increment approach may be implemented is almost entirely a technical decision. The size of the area will be dependent upon the area over which the particular model may be used. Each new source's air quality would be estimated and the modeling results extrapolated to the furthest point for which the model can reasonably predict a concentration or where the concentration predicted by the model is below some specified level. This issue has been addressed for TSP and $SO_2$ in the June 19, 1978 PSD regulations. In the preamble to the regulations EPA stated that it would generally limit the application of the modeling results to no more than 50 kilometers. Also since the air quality impact of many sources falls off rapidly to insignificant levels, EPA does not intend to analyze the impact of a source beyond the point where the concentrations from a source fall below certain levels. Those levels which have been interpreted by EPA as representing the minimum amount of ambient impact that are considered to be significant are shown below.

| Pollutant | | Concentration | |
|---|---|---|---|
| | Annual | 8-hour | 1-hour |
| $NO_2$ | 1 μg/$m^3$ | | |
| CO | | 0.5 mg/$m^3$ | 2 mg/$m^3$ |

Source: June 19, 1978 PSD Regulations

However, since there is a special concern over class I areas, any expected impacts associated with a class I area must be evaluated irrespective of whether the source is located beyond 50 km or if it would have an impact less than the above significance levels.

Pros

- Areas for EDZ based on existing political structures would have the greatest potential for success.
- County or planning districts would in most cases be small enough, with the exception of some western states, to adequately avoid clustering and potential air quality problems.

Cons

- Since the size of the area for implementing an EDZ program seems to be more of a technical problem than a policy one, this may not be an issue after more technical evaluations are performed.
- Size of the area is really not an issue per se for increments because the size of the area is determined by the ability of the model to accurately predict a concentration at a given distance from the source.

Recommendations

There are no recommendations regarding this issue until further technical evaluations and investigations of the availability of data at the smallest governmental units can be completed.

## CONSISTENCY WITH CURRENT PSD PROGRAM

### Description of Issue

How much consistency should be required between PSD Set II and other programs, specifically PSD Set I and new source review in nonattainment areas? What is the true extent of attainment vs. nonattainment areas and how will this affect the PSD Set II program?

### Applicable Clean Air Act Section

Section 161 of the Act states:

> "In accordance with the policy of section 101(b)(1), each applicable implementation plan shall contain emission limitations and such other measures as may be necessary, as determined under regulations promulgated under this part, to prevent significant deterioration of air quality in each region (or portion thereof) identified pursuant to section 107(d)(1)(D) or (E)."

### Major Implications

According to the 1977 National Air Quality, Monitoring and Emissions Trends Report, (EPA-450/2-78-052) 86% of the ozone sites reporting data to EPA exceeded the previous .08 ppm standard, 46% of the CO sites violated the 8 Hour CO standard and only 2% of the $NO_2$ sites violated the annual $NO_2$ standard. However, some analysis in light of the recent change to the ozone standard indicates that of the 325 counties with ozone data approximately 65% of these counties have at least one monitoring site which exceeds the .12 ppm standard. Of those counties which are attaining the .12 ppm standard, a great percentage (80-90%) are just marginally attaining (i.e., between .08 and .12 ppm). Thus it would seem that even where the standard is being attained for ozone only minimal growth would be permitted before a proposed new source's impact would be causing or contributing to a violation of the national standards at which time the more restrictive nonattainment provisions would apply. The current PSD regulations indicated that these regulations applied regardless of the particular nonattainment designation as there could be pockets of clean air within designated nonattainment areas. However, the Alabama Power decision held that the PSD provisions apply only to major sources either locating in areas specifically designated as attainment or unclassifiable under Section 107 or locating in any area from which the source would impact a clean air area in another state. EPA has filed a petition for reconsideration arguing that Congress intended PSD review to apply to all major construction, whether located inside or outside a designated nonattainment area, that would significantly impact any clean area. If the court holds to its original option then the scope of the PSD program would be limited to preclude review in any nonattainment area. Thus the PSD program would strictly be designed for those areas classified as attainment or unclassified.

While this decision will have some impact for $NO_x$ and CO it will have a significant impact upon the volatile organic compound (VOC)/ozone PSD program. Because ozone nonattainment is so widespread it is likely that as additional preconstruction monitoring is conducted more nonattainment areas will be discovered. This is especially true for areas east of the Mississippi River, while only partially true for areas west of the Mississippi River because there are more measured attainment areas in the west than east. This will have a major impact for energy development sources which will tend to locate in areas west of the Mississippi. Obviously if nonattainment is more prevalent than attainment the PSD program will be severely limited in its application.

This is some question as to the consistency which should exist between PSD for VOC, CO, $NO_x$ and Pb and the PSD program for TSP and $SO_2$ and the new source review requirements in nonattainment areas. Since these programs are all dealing with the preconstruction review of major new sources it would seem desirable to have these programs consistent at least in principle if not in practice.

In many ways this has already been accomplished by the various provisions of the Act which deal with the PSD and nonattainment programs. Consistency exists in determining which sources are subject to review, where the review is required, and what level of control is required. Therefore the regulations dealing with these aspects of PSD present little, if any, opportunity for variation from program to program.

However, there are two areas where some variation is possible and possibly desirable: what type of ambient or emission assessment will be required and what type of classification system and associated values needs to be established. Because the same source may be a major source for all the criteria pollutants the issue of consistency is one which should receive careful attention.

Pros

- PSD program for $NO_x$ will be very important as there are a number of attainment areas.
- Without some type of PSD review within areas which are only marginally less than the standard, a number of areas could go from attainment to nonattainment with only one or two new source applications.
- PSD would provide some interim "handle" on new source growth prior to potential nonattainment.
- Consistency between programs will minimize any confusion over the details of how the program is to be implemented.
- Consistency will provide for some savings in the areas of preparing permits and conducting reviews.

Cons

- If the air quality levels for those areas which are attaining the standards for the Set II pollutants are only marginally below the standard then possibly only a few sources would actually be subject to PSD review.
- Air quality levels for some pollutants would be so dangerously close to, if not exceeding, the standards that the entire concept of PSD would become meaningless.

- In some cases consistency may encourage the perpetuation of inefficient and inequitable program requirements.
- Consistency could impose some unrealistic requirements on sources of some pollutants which should otherwise have been omitted.

Recommendations

Because there may only be limited application of the PSD program for some pollutants it may be advisable to provide maximum flexibility to the states so that they can impose the best program for their area to increase the long term viability of the PSD program especially for such pollutants as VOC. However, the major elements of the various programs should be consistent to the maximum extent possible.

# APPENDIX D

# AIR QUALITY SUMMARY BY COUNTY FOR 1977

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| State | County | 2nd max 3-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Alabama | AUTAUGA CO | 9.1 | 306 | 98 |
| | BALDWIN CO | | | |
| | BARBOUR CO | | | |
| | BIBB CO | | | |
| | BLOUNT CO | | | |
| | BULLOCK CO | | | |
| | BUTLER CO | | | |
| | CALHOUN CO | | | |
| | CHAMBERS CO | | | |
| | CHEROKEE CO | | | |
| | CHILTON CO | | | |
| | CHOCTAW CO | | | |
| | CLARKE CO | | | |
| | CLAY CO | | | |
| | CLEBURNE CO | | | |
| | COFFEE CO | | | |
| | COLBERT CO | | | |
| | CONECUH CO | | | |
| | COOSA CO | | | |
| | COVINGTON CO | | | |
| | CRENSHAW CO | | | |
| | CULLMAN CO | | | |
| | DALE CO | | | |
| | DALLAS CO | | | |
| | DE KALB CO | | | |
| | ELMORE CO | | | |
| | ESCAMBIA CO | | | |
| | ETOWAH CO | | | |
| | FAYETTE CO | | | |
| | FRANKLIN CO | | | |
| | GENEVA CO | | | |
| | GREENE CO | | | |
| | HALE CO | | | |
| | HENRY CO | | | |
| | HOUSTON CO | | | |
| | JACKSON CO | | | |
| | JEFFERSON CO | | * | |
| | LAMAR CO | | | |
| | LAUDERDALE CO | | | |
| | LAWRENCE CO | | | |
| | LEE CO | | | |
| | LIMESTONE CO | | | 29 |
| | LOWNDES CO | | | |
| | MACON CO | | | |
| | MADISON CO | 8.2 | 333 * | 54 |
| | MARENGO CO | | | |
| | MARION CO | | | |

[1] NAAQS CO 8-h = 10 mg/m$^3$ not to be exceeded more than once per year.

[2] NAAQS $O_3$ = 235 μg/m$^3$ expected value.

[3] NAAQS $NO_x$ = 100 μg/m$^3$ arithmetic mean.

*Designated as nonattainment as of January 1980.

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.$^2$ (μg/m$^3$) | Arithmetic mean $NO_x$ conc.$^3$ (μg/m$^3$) |
|---|---|---|---|---|
| Alabama | MARSHALL CO | | | |
| | MOBILE CO | | 284 * | |
| | MONROE CO | | | |
| | MONTGOMERY CO | | | |
| | MORGAN CO | | 216 * | 48 |
| | PERRY CO | | | |
| | PICKENS CO | | | |
| | PIKE CO | | | |
| | RANDOLPH CO | | | |
| | RUSSELL CO | | * | |
| | ST CLAIR CO | | | |
| | SHELBY CO | | | |
| | SUMTER CO | | | |
| | TALLADEGA CO | | | |
| | TALLAPOOSA CO | | | |
| | TUSCALOOSA CO | | | |
| | WALKER CO | | | |
| | WASHINGTON CO | | | |
| | WILCOX CO | | | |
| | WINSTON CO | | | |
| Alaska | ALEUTIAN ISLANDS ED | | | |
| | ANCHORAGE ED | 18.1 | | |
| | ANGOON ED | | | |
| | BARROW ED | | | |
| | BETHEL ED | | | |
| | BRISTOL BAY BOROUGH ED | | | |
| | BRISTOL BAY ED | | | |
| | CORDOVA-MC CARTHY ED | | | |
| | FAIRBANKS ED | 28 | | 148 |
| | HAINES ED | | | |
| | JUNEAU ED | | | |
| | KENAI-COOK INLET ED | | | |
| | KETCHIKAN ED | | | |
| | KOBUK ED | | | |
| | KODIAK ED | | | |
| | KUSKOKWIM | | | |
| | MATANUSKA-SUSITNA ED | | | |
| | NOME ED | | | |
| | OUTER KETCHIKAN ED | | | |
| | PRINCE OF WALES ED | | | |
| | SEWARD ED | | | |
| | SITKA ED | | | |
| | SKAGWAY-YAKUTAT ED | | | |
| | SOUTHEAST FAIRBANKS ED | | | |
| | UPPER YUKON ED | | | |
| | VALDEZ-CHITINA-WHITTIER ED | | | |
| | WADE HAMPTON ED | | | |
| | WRANGELL-PETERSBURG ED | | | |
| | YUKON-KOYUKUK ED | | | |
| Arizona | APACHE CO | | | |
| | COCHISE CO | 4.5 | | 23 |
| | COCONINO CO | 29.2 | 1003 | 21 |
| | GILA CO | | | 24 |
| | GRAHAM CO | | | |
| | GREENLEE CO | | | |
| | MARICOPA CO | 48.1* | 300 * | |
| | MOHAVE CO | | | 7 |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Arizona | NAVAJO CO | | | |
| | PIMA CO | 129* | 196 | 61 |
| | PINAL CO | | | 13 |
| | SANTA CRUZ CO | | | |
| | YAVAPAI CO | | | |
| | YUMA CO | 3.4 | 103 | |
| Arkansas | ARKANSAS CO | | | |
| | ASHLEY CO | | | |
| | BAXTER CO | | | |
| | BENTON CO | | | |
| | BOONE CO | | | 25 |
| | BRADLEY CO | | | |
| | CALHOUN CO | | | |
| | CARROLL CO | | | |
| | CHICOT CO | | | |
| | CLARK CO | | | |
| | CLAY CO | | | |
| | CLEBURNE CO | | | |
| | CLEVELAND CO | | | |
| | COLUMBIA CO | | | |
| | CONWAY CO | | | |
| | CRAIGHEAD CO | | | |
| | CRAWFORD CO | | | |
| | CRITTENDEN CO | | | 37 |
| | CROSS CO | | | |
| | DALLAS CO | | | |
| | DESHA CO | | | |
| | DREW CO | | | |
| | FAULKNER CO | | | |
| | FRANKLIN CO | | | |
| | FULTON CO | | | |
| | GARLAND CO | | | |
| | GRANT CO | | | |
| | GREENE CO | | | |
| | HEMPSTEAD CO | | | |
| | HOT SPRING CO | | | |
| | HOWARD CO | | | |
| | INDEPENDENCE CO | | | |
| | IZARD CO | | | |
| | JACKSON CO | | | |
| | JEFFERSON CO | | | 19 |
| | JOHNSON CO | | | |
| | LAFAYETTE CO | | | |
| | LAWRENCE CO | | | |
| | LEE CO | | | |
| | LINCOLN CO | | | |
| | LITTLE RIVER CO | | | |
| | LOGAN CO | | | |
| | LONOKE CO | | | 10 |
| | MADISON CO | | | |
| | MARION CO | | | |
| | MILLER CO | | | 34 |
| | MISSISSIPPI CO | | | 32 |
| | MONROE CO | | | |
| | MONTGOMERY CO | | | |
| | NEVADA CO | | | |
| | NEWTON CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mq/$m^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/$m^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/$m^3$) |
|---|---|---|---|---|
| Arkansas | OUACHITA CO | | | |
| | PERRY CO | | | |
| | PHILLIPS CO | | | |
| | PIKE CO | | | |
| | POINSETT CO | | | |
| | POLK CO | | | |
| | POPE CO | | | |
| | PRAIRIE CO | | | |
| | PULASKI CO | | 294 * | 43 |
| | RANDOLPH CO | | | |
| | ST FRANCIS CO | | | |
| | SALINE CO | | | |
| | SCOTT CO | | | |
| | SEARCY CO | | | |
| | SEBASTIAN CO | | | 36 |
| | SEVIER CO | | | |
| | SHARP CO | | | |
| | STONE CO | | | |
| | UNION CO | | | 39 |
| | VAN BUREN CO | | | |
| | WASHINGTON CO | | | |
| | WHITE CO | | | |
| | WOODRUFF CO | | | |
| | YELL CO | | | |
| Cal. | ALAMEDA CO | 7.6 * | 255 * | 65 |
| | ALPINE CO | | | |
| | AMADOR CO | | | |
| | BUTTE CO | 9.6 * | 196 * | 47 |
| | CALAVERAS CO | | | |
| | COLUSA CO | | * | |
| | CONTRA COSTA CO | 8.1 * | 255 * | 49 |
| | DEL NORTE CO | | | |
| | EL DORADO CO | 3.7 * | 176 * | 20 |
| | FRESNO CO | 10.4 * | 314 * | 83 |
| | GLENN CO | | * | |
| | HUMBOLDT CO | | | |
| | IMPERIAL CO | | 157 * | |
| | INYO CO | | | |
| | KERN CO | 12.4 * | 274 * | 110 |
| | KINGS CO | | * | |
| | LAKE CO | | | |
| | LASSEN CO | | | |
| | LOS ANGELES CO | 24.3 * | 549 * | 187 * |
| | MADERA CO | | * | |
| | MARIN CO | 9 * | 176 * | 52 |
| | MARIPOSA CO | | * | |
| | MENDOCINO CO | | | |
| | MERCED CO | 7.2 | 274 * | 48 |
| | MODOC CO | | | |
| | MONO CO | | | |
| | MONTEREY CO | 4.3 | 176 * | 25 |
| | NAPA CO | 8.3 * | 235 * | 43 |
| | NEVADA CO | | | |
| | ORANGE CO | 16.1 * | 529 * | 174 * |
| | PLACER CO | * | * | |
| | PLUMAS CO | | | |
| | RIVERSIDE CO | 10.2 * | 627 * | 112 * |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (μg/m³) | Arithmetic mean $NO_x$ conc.[3] (μg/m³) |
|---|---|---|---|---|
| Cal. | SACRAMENTO CO | 14.7* | 333* | 71 |
| | SAN BENITO CO | | * | |
| | SAN BERNARDINO CO | 11.4* | 686* | 147* |
| | SAN DIEGO CO | 13.5* | 412* | 115* |
| | SAN FRANCISCO CO | 9.1 | 98* | 65 |
| | SAN JOAQUIN CO | 10.9* | 314* | 76 |
| | SAN LUIS OBISPO CO | 5 | 196* | 43 |
| | SAN MATEO CO | 9.1* | 235* | 47 |
| | SANTA BARBARA CO | 5.2* | 274* | 63 |
| | SANTA CLARA CO | 16.5* | 274* | 87 |
| | SANTA CRUZ CO | | * | 26 |
| | SHASTA CO | | * | |
| | SIERRA CO | | | |
| | SISKIYOU CO | | | |
| | SOLANO CO | 13.2* | 216* | 46 |
| | SONOMA CO | 7.8* | 137* | 40 |
| | STANISLAUS CO | 7.8* | 235* | 84 |
| | SUTTER CO | | * | |
| | TEHAMA CO | | 216* | |
| | TRINITY CO | | | |
| | TULARE CO | 8.5 | 196* | 54 |
| | TUOLUMNE CO | | | |
| | VENTURA CO | 8.8* | 431* | 74 |
| | YOLO CO | * | * | |
| | YUBA CO | | * | |
| Colorado | ADAMS CO | 17.4* | 233* | 39 |
| | ALAMOSA CO | | | |
| | ARAPAHOE CO | * | * | |
| | ARCHULETA CO | | | |
| | BACA CO | | | |
| | BENT CO | | | |
| | BOULDER CO | 9.3* | * | |
| | CHAFFEE CO | | | |
| | CHEYENNE CO | | | |
| | CLEAR CREEK CO | | | |
| | CONEJOS CO | | | |
| | COSTILLA CO | | | |
| | CROWLEY CO | | | |
| | CUSTER CO | | | |
| | DELTA CO | | | |
| | DENVER CO | 22.8* | 306* | 104* |
| | DOLORES CO | | | |
| | DOUGLAS CO | * | * | |
| | EAGLE CO | | | |
| | ELBERT CO | | | |
| | EL PASO CO | 9.0* | 157 | 32 |
| | FREMONT CO | | | |
| | GARFIELD CO | | | |
| | GILPIN CO | | | |
| | GRAND CO | | | |
| | GUNNISON CO | | | |
| | HINSDALE CO | | | |
| | HUERFANO CO | | | |
| | JACKSON CO | | | |
| | JEFFERSON CO | 13.1* | 241* | |
| | KIOWA CO | | | |
| | KIT CARSON CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr O$_3$ conc.[2] (μg/m$^3$) | Arithmetic mean NO$_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Colorado | LAKE CO | | | |
| | LA PLATA CO | | | |
| | LARIMER CO | * | | |
| | LAS ANIMAS CO | | | |
| | LINCOLN CO | | | |
| | LOGAN CO | | | |
| | MESA CO | 8.6 | | |
| | MINERAL CO | | | |
| | MOFFAT CO | | | |
| | MONTEZUMA CO | | | |
| | MONTROSE CO | | | |
| | MORGAN CO | | | |
| | OTERO CO | | | |
| | OURAY CO | | | |
| | PARK CO | | | |
| | PHILLIPS CO | | | |
| | PITKIN CO | | | |
| | PROWERS CO | | | |
| | PUEBLO CO | | | |
| | RIO BLANCO CO | | | |
| | RIO GRANDE CO | | | |
| | ROUTT CO | | | |
| | SAGUACHE CO | | | |
| | SAN JUAN CO | | | |
| | SAN MIGUEL CO | | | |
| | SEDGWICK CO | | | |
| | SUMMIT CO | | | |
| | TELLER CO | | | |
| | WASHINGTON CO | | | |
| | WELD CO | 12.3 * | 59 | |
| | YUMA CO | | | |
| Conn. | FAIRFIELD CO | 36.5 * | 537 * | 85 |
| | HARTFORD CO | 17.7 * | 445 * | 85 |
| | LITCHFIELD CO | * | 382 * | 55 |
| | MIDDLESEX CO | * | 392 * | |
| | NEW HAVEN CO | 14.1 * | 651 * | 79 |
| | NEW LONDON CO | | 508 * | 52 |
| | TOLLAND CO | | * | |
| | WINDHAM CO | | * | |
| Delaware | KENT CO | 9.1 | | |
| | NEW CASTLE CO | | * | |
| | SUSSEX CO | | | |
| | WASHINGTON | 11.6 | 441 | 80 |
| Florida | ALACHUA CO | | | 21 |
| | BAKER CO | | | |
| | BAY CO | | | |
| | BRADFORD CO | | | |
| | BREVARD CO | | | 13 |
| | BROWARD CO | 10.1 | 157 * | 50 |
| | CALHOUN CO | | | |
| | CHARLOTTE CO | | | |
| | CITRUS CO | | | |
| | CLAY CO | | | |
| | COLLIER CO | | | |
| | COLUMBIA CO | | | |
| | DADE CO | 7.0 | * | 56 |
| | DE SOTO CO | | | |

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.$^2$ ($\mu$g/m$^3$) | Arithmetic mean $NO_x$ conc.$^3$ ($\mu$g/m$^3$) |
|---|---|---|---|---|
| Florida | DIXIE CO | | | |
| | DUVAL CO | 5.7 | 294 * | 41 |
| | ESCAMBIA CO | 7.3 | 357 | |
| | FLAGLER CO | | | |
| | FRANKLIN CO | | | |
| | GADSDEN CO | | | |
| | GILCHRIST CO | | | |
| | GLADES CO | | | |
| | GULF CO | | | |
| | HAMILTON CO | | | |
| | HARDEE CO | | | |
| | HENDRY CO | | | |
| | HERNANDO CO | | | |
| | HIGHLANDS CO | | | |
| | HILLSBOROUGH CO | 5.3 | 265 * | 68 |
| | HOLMES CO | | | |
| | INDIAN RIVER CO | | | |
| | JACKSON CO | | | |
| | JEFFERSON CO | | | |
| | LAFAYETTE CO | | | |
| | LAKE CO | | | |
| | LEE CO | | | 23 |
| | LEON CO | | | |
| | LEVY CO | | | |
| | LIBERTY CO | | | |
| | MADISON CO | | | |
| | MANATEE CO | | | |
| | MARION CO | | | |
| | MARTIN CO | | | |
| | MONROE CO | | | |
| | NASSAU CO | | | |
| | OKALOOSA CO | | | |
| | OKEECHOBEE CO | | | |
| | ORANGE CO | 1.6 | 196 * | 39 |
| | OSCEOLA CO | | | |
| | PALM BEACH CO | 4.2 | 198 * | 35 |
| | PASCO CO | | | |
| | PINELLAS CO | 6.5 | 294 * | 39 |
| | POLK CO | | | |
| | PUTNAM CO | | | 4 |
| | ST JOHNS CO | | | |
| | ST LUCIE CO | | | |
| | SANTA ROSA CO | | | |
| | SARASOTA CO | | | |
| | SEMINOLE CO | | | 19 |
| | SUMTER CO | | | |
| | SUWANNEE CO | | | |
| | TAYLOR CO | | | |
| | UNION CO | | | |
| | VOLUSIA CO | | | 12 |
| | WAKULLA CO | | | |
| | WALTON CO | | | |
| | WASHINGTON CO | | | |
| Georgia | APPLING CO | | | |
| | ATKINSON CO | | | |
| | BACON CO | | | |
| | BAKER CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr O$_3$ conc.[2] (μg/m$^3$) | Arithmetic mean NO$_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Georgia | BALDWIN CO | | | |
| | BANKS CO | | | |
| | BARROW CO | | | |
| | BARTOW CO | | | |
| | BEN HILL CO | | | |
| | BERRIEN CO | | | |
| | BIBB CO | | | 46 |
| | BLECKLEY CO | | | |
| | BRANTLEY CO | | | |
| | BROOKS CO | | | |
| | BRYAN CO | | | |
| | BULLOCH CO | | | |
| | BURKE CO | | | |
| | BUTTS CO | | | |
| | CALHOUN CO | | | |
| | CAMDEN CO | | | |
| | CANDLER CO | | | |
| | CARROLL CO | | | |
| | CATOOSA CO | | | |
| | CHARLTON CO | | | |
| | CHATHAM CO | | | 37 |
| | CHATTAHOOCHEE CO | | | |
| | CHATTOOGA CO | | | |
| | CHEROKEE CO | | | |
| | CLARKE CO | | | |
| | CLAY CO | | | |
| | CLAYTON CO | * | * | |
| | CLINCH CO | | | |
| | COBB CO | | * | |
| | COFFEE CO | | | |
| | COLQUITT CO | | | |
| | COLUMBIA CO | | | |
| | COOK CO | | | |
| | COWETA CO | | * | |
| | CRAWFORD CO | | | |
| | CRISP CO | | | |
| | DADE CO | | | |
| | DAWSON CO | | | |
| | DECATUR CO | | | |
| | DE KALB CO | * | 216* | |
| | DODGE CO | | | |
| | DOOLY CO | | | |
| | DOUGHERTY CO | | | |
| | DOUGLAS CO | | * | |
| | EARLY CO | | | |
| | ECHOLS CO | | | |
| | EFFINGHAM CO | | | |
| | ELBERT CO | | | |
| | EMANUEL CO | | | |
| | EVANS CO | | | |
| | FANNIN CO | | | |
| | FAYETTE CO | | * | |
| | FLOYD CO | | | 40 |
| | FORSYTH CO | | | |
| | FRANKLIN CO | | | |
| | FULTON CO | 17.5* | * | 68 |
| | GILMER CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (μg/m³) | Arithmetic mean $NO_x$ conc.[3] (μg/m³) |
|---|---|---|---|---|
| Georgia | GLASCOCK CO | | | |
| | GLYNN CO | | | 26 |
| | GORDON CO | | | |
| | GRADY CO | | | |
| | GREENE CO | | | |
| | GWINNETT CO | | * | |
| | HABERSHAM CO | | | |
| | HALL CO | | | |
| | HANCOCK CO | | | |
| | HARALSON CO | | | |
| | HARRIS CO | | | |
| | HART CO | | | |
| | HEARD CO | | | |
| | HENRY CO | | * | |
| | HOUSTON CO | | | |
| | IRWIN CO | | | |
| | JACKSON CO | | | |
| | JASPER CO | | | |
| | JEFF DAVIS CO | | | |
| | JEFFERSON CO | | | |
| | JENKINS CO | | | |
| | JOHNSON CO | | | |
| | JONES CO | | | |
| | LAMAR CO | | | |
| | LANIER CO | | | |
| | LAURENS CO | | | |
| | LEE CO | | | |
| | LIBERTY CO | | | |
| | LINCOLN CO | | | |
| | LONG CO | | | |
| | LOWNDES CO | | | 28 |
| | LUMPKIN CO | | | |
| | MC DUFFIE CO | | | |
| | MC INTOSH CO | | | |
| | MACON CO | | | |
| | MADISON CO | | | |
| | MARION CO | | | |
| | MERIWETHER CO | | | |
| | MILLER CO | | | |
| | MITCHELL CO | | | |
| | MONROE CO | | | |
| | MONTGOMERY CO | | | |
| | MORGAN CO | | | |
| | MURRAY CO | | | |
| | MUSCOGEE CO | | * | |
| | NEWTON CO | | | |
| | OCONEE CO | | | |
| | OGLETHORPE CO | | | |
| | PAULDING CO | | * | |
| | PEACH CO | | | |
| | PICKENS CO | | | |
| | PIERCE CO | | | |
| | PIKE CO | | | |
| | POLK CO | | | |
| | PULASKI CO | | | |
| | PUTNAM CO | | | |
| | QUITMAN CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (µg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (µg/m$^3$) |
|---|---|---|---|---|
| Georgia | RABUN CO | | | |
| | RANDOLPH CO | | | |
| | RICHMOND CO | | | 29 |
| | ROCKDALE CO | | * | |
| | SCHLEY CO | | | |
| | SCREVEN CO | | | |
| | SEMINOLE CO | | | |
| | SPALDING CO | | | |
| | STEPHENS CO | | | |
| | STEWART CO | | | |
| | SUMTER CO | | | |
| | TALBOT CO | | | |
| | TALIAFERRO CO | | | |
| | TATTNALL CO | | | |
| | TAYLOR CO | | | |
| | TELFAIR CO | | | |
| | TERRELL CO | | | |
| | THOMAS CO | | | |
| | TIFT CO | | | |
| | TOOMBS CO | | | |
| | TOWNS CO | | | |
| | TREUTLEN CO | | | |
| | TROUP CO | | | |
| | TURNER CO | | | |
| | TWIGGS CO | | | |
| | UNION CO | | | |
| | UPSON CO | | | |
| | WALKER CO | | | 37 |
| | WALTON CO | | | |
| | WARE CO | | | |
| | WARREN CO | | | |
| | WASHINGTON CO | | | |
| | WAYNE CO | | | |
| | WEBSTER CO | | | |
| | WHEELER CO | | | |
| | WHITE CO | | | |
| | WHITFIELD CO | | | |
| | WILCOX CO | | | |
| | WILKES CO | | | |
| | WILKINSON CO | | | |
| | WORTH CO | | | |
| Hawaii | HAWAII CO | | | |
| | HONOLULU CO | | | |
| | KAUAI CO | | | |
| | MAUI CO | | | |
| Idaho | ADA CO | 20.7* | | 36 |
| | ADAMS CO | | | |
| | BANNOCK CO | | | |
| | BEAR LAKE CO | | | |
| | BENEWAH CO | | | |
| | BINGHAM CO | | | |
| | BLAINE CO | | | |
| | BOISE CO | | | |
| | BONNER CO | | | |
| | BONNEVILLE CO | | | |
| | BOUNDARY CO | | | |
| | BUTTE CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/$m^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/$m^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/$m^3$) |
|---|---|---|---|---|
| Idaho | CAMAS CO | | | |
| | CANYON CO | | | |
| | CARIBOU CO | | | |
| | CASSIA CO | | | |
| | CLARK CO | | | |
| | CLEARWATER CO | | | |
| | CUSTER CO | | | |
| | ELMORE CO | | | |
| | FRANKLIN CO | | | |
| | FREMONT CO | | | |
| | GEM CO | | | |
| | GOODING CO | | | |
| | IDAHO CO | | | |
| | JEFFERSON CO | | | |
| | JEROME CO | | | |
| | KOOTENAI CO | | | |
| | LATAH CO | | | |
| | LEMHI CO | | | |
| | LEWIS CO | | | |
| | LINCOLN CO | | | |
| | MADISON CO | | | |
| | MINIDOKA CO | | | |
| | NEZ PERCE CO | | | |
| | ONEIDA CO | | | |
| | OWYHEE CO | | | |
| | PAYETTE CO | | | |
| | POWER CO | | | |
| | SHOSHONE CO | | | |
| | TETON CO | | | |
| | TWIN FALLS CO | | | |
| | VALLEY CO | | | |
| | WASHINGTON CO | | | |
| Illinois | ADAMS CO | | * | 28 |
| | ALEXANDER CO | | | |
| | BOND CO | | | |
| | BOONE CO | | * | |
| | BROWN CO | | | |
| | BUREAU CO | | | |
| | CALHOUN CO | | | |
| | CARROLL CO | | | |
| | CASS CO | | | |
| | CHAMPAIGN CO | | * | 29 |
| | CHRISTIAN CO | | | |
| | CLARK CO | | | |
| | CLAY CO | | | |
| | CLINTON CO | | | |
| | COLES CO | | | |
| | COOK CO | 14.8* | 674* | 131 |
| | CRAWFORD CO | | | |
| | CUMBERLAND CO | | | |
| | DE KALB CO | | 323* | |
| | DE WITT CO | | | |
| | DOUGLAS CO | | | |
| | DU PAGE CO | | * | 63 |
| | EDGAR CO | | | |
| | EDWARDS CO | | | |
| | EFFINGHAM CO | | | 25 |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr O$_3$ conc.[2] (μg/m$^3$) | Arithmetic mean NO$_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Illinois | FAYETTE CO | | | |
| | FORD CO | | | |
| | FRANKLIN CO | | | |
| | FULTON CO | | | |
| | GALLATIN CO | | | |
| | GREENE CO | | | |
| | GRUNDY CO | | * | |
| | HAMILTON CO | | | |
| | HANCOCK CO | | | |
| | HARDIN CO | | | |
| | HENDERSON CO | | | |
| | HENRY CO | | | |
| | IROQUOIS CO | | | |
| | JACKSON CO | | | 34 |
| | JASPER CO | | | |
| | JEFFERSON CO | | | |
| | JERSEY CO | | | |
| | JO DAVIESS CO | | | 21 |
| | JOHNSON CO | | | |
| | KANE CO | | * | |
| | KANKAKEE CO | | * | |
| | KENDALL CO | | * | |
| | KNOX CO | | | 35 |
| | LAKE CO | | * | 49 |
| | LA SALLE CO | | * | 31 |
| | LAWRENCE CO | | | |
| | LEE CO | | | |
| | LIVINGSTON CO | | | |
| | LOGAN CO | | | |
| | MC DONOUGH CO | | | |
| | MC HENRY CO | | * | |
| | MC LEAN CO | | * | 40 |
| | MACON CO | | 233 * | 38 |
| | MACOUPIN CO | | | |
| | MADISON CO | 13.4 | 155 * | 59 |
| | MARION CO | | | |
| | MARSHALL CO | | | 38 |
| | MASON CO | | | |
| | MASSAC CO | | | 27 |
| | MENARD CO | | | |
| | MERCER CO | | | |
| | MONROE CO | | * | |
| | MONTGOMERY CO | | | |
| | MORGAN CO | | | |
| | MOULTRIE CO | | | |
| | OGLE CO | | | |
| | PEORIA CO | 8.4 * | 247 * | 49 |
| | PERRY CO | | | |
| | PIATT CO | | | |
| | PIKE CO | | | |
| | POPE CO | | | |
| | PULASKI CO | | | |
| | PUTNAM CO | | | |
| | RANDOLPH CO | | | |
| | RICHLAND CO | | | |
| | ROCK ISLAND CO | 9.4 | 286 * | 53 |
| | ST CLAIR CO | 5.9 | 282 * | 65 |

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.$^2$ (µg/m$^3$) | Arithmetic mean $NO_x$ conc.$^3$ (µg/m$^3$) |
|---|---|---|---|---|
| Illinois | SALINE CO | | | |
| | SANGAMON CO | 5.8 | 274* | 44 |
| | SCHUYLER CO | | | |
| | SCOTT CO | | | |
| | SHELBY CO | | | |
| | STARK CO | | | |
| | STEPHENSON CO | | | |
| | TAZEWELL CO | | * | |
| | UNION CO | | | |
| | VERMILION CO | | | 30 |
| | WABASH CO | | | |
| | WARREN CO | | | |
| | WASHINGTON CO | | | |
| | WAYNE CO | | | |
| | WHITE CO | | | |
| | WHITESIDE CO | | | |
| | WILL CO | 5.1 | 304* | 62 |
| | WILLIAMSON CO | | * | 28 |
| | WINNEBAGO CO | | * | 39 |
| | WOODFORD CO | | | |
| Indiana | ADAMS CO | | | |
| | ALLEN CO | | * | 39 |
| | BARTHOLOMEW CO | | | 28 |
| | BENTON CO | | | |
| | BLACKFORD CO | | | |
| | BOONE CO | | | 36 |
| | BROWN CO | | | |
| | CARROLL CO | | | |
| | CASS CO | | | |
| | CLARK CO | | * | 50 |
| | CLAY CO | | | |
| | CLINTON CO | | | |
| | CRAWFORD CO | | | |
| | DAVIESS CO | | | |
| | DEARBORN CO | | | |
| | DECATUR CO | | | |
| | DE KALB CO | | | |
| | DELAWARE CO | | | |
| | DUBOIS CO | | | 24 |
| | ELKHART CO | | | |
| | FAYETTE CO | | | |
| | FLOYD CO | | 294* | 58 |
| | FOUNTAIN CO | | | |
| | FRANKLIN CO | | | |
| | FULTON CO | | | |
| | GIBSON CO | | | |
| | GRANT CO | | | 40 |
| | GREENE CO | | | |
| | HAMILTON CO | | | |
| | HANCOCK CO | | | |
| | HARRISON CO | | | |
| | HENDRICKS CO | | | |
| | HENRY CO | | | |
| | HOWARD CO | | | 18 |
| | HUNTINGTON CO | | | |
| | JACKSON CO | | | |
| | JASPER CO | | | 20 |

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr O$_3$ conc.$^2$ (µg/m$^3$) | Arithmetic mean NO$_x$ conc.$^3$ (µg/m$^3$) |
|---|---|---|---|---|
| Indiana | JAY CO | | | |
| | JEFFERSON CO | | | 31 |
| | JENNINGS CO | | | |
| | JOHNSON CO | | | |
| | KNOX CO | | | 24 |
| | KOSCIUSKO CO | | | |
| | LAGRANGE CO | | | |
| | LAKE CO | 45.9 * | 513 * | 67 |
| | LA PORTE CO | | | 32 |
| | LAWRENCE CO | | | |
| | MADISON CO | | | 34 |
| | MARION CO | 144 * | 529 * | 71 |
| | MARSHALL CO | | | |
| | MARTIN CO | | | |
| | MIAMI CO | | | |
| | MONROE CO | | | 45 |
| | MONTGOMERY CO | | | |
| | MORGAN CO | | | |
| | NEWTON CO | | | |
| | NOBLE CO | | | |
| | OHIO CO | | | |
| | ORANGE CO | | | |
| | OWEN CO | | | |
| | PARKE CO | | | |
| | PERRY CO | | | |
| | PIKE CO | | | |
| | PORTER CO | | * | 22 |
| | POSEY CO | | | |
| | PULASKI CO | | | |
| | PUTNAM CO | | | |
| | RANDOLPH CO | | | |
| | RIPLEY CO | | | |
| | RUSH CO | | | |
| | ST JOSEPH CO | | * | 55 |
| | SCOTT CO | | | |
| | SHELBY CO | | | |
| | SPENCER CO | | | |
| | STARKE CO | | | |
| | STEUBEN CO | | | |
| | SULLIVAN CO | | | |
| | SWITZERLAND CO | | | |
| | TIPPECANOE CO | | | 34 |
| | TIPTON CO | | | |
| | UNION CO | | | |
| | VANDERBURGH CO | 2.9 | 227 * | 60 |
| | VERMILLION CO | | | |
| | VIGO CO | | | 48 |
| | WABASH CO | | | |
| | WARREN CO | | | |
| | WARRICK CO | | | |
| | WASHINGTON CO | | | |
| | WAYNE CO | | | |
| | WELLS CO | | | |
| | WHITE CO | | | |
| | WHITLEY CO | | | |
| Iowa | ADAIR CO | | | |
| | ADAMS CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/$m^3$) | 2nd max 1-hr $O_3$ conc.[2] (µg/$m^3$) | Arithmetic mean $NO_x$ conc.[3] (µg/$m^3$) |
|---|---|---|---|---|
| Iowa | ALLAMAKEE CO | | | |
| | APPANOOSE CO | | | |
| | AUDUBON CO | | | |
| | BENTON CO | | | |
| | BLACK HAWK CO | | | |
| | BOONE CO | | | |
| | BREMER CO | | | |
| | BUCHANAN CO | | | |
| | BUENA VISTA CO | | | |
| | BUTLER CO | | | |
| | CALHOUN CO | | | |
| | CARROLL CO | | | |
| | CASS CO | | | |
| | CEDAR CO | | | |
| | CERRO GORDO CO | | | |
| | CHEROKEE CO | | | |
| | CHICKASAW CO | | | |
| | CLARKE CO | | | |
| | CLAY CO | | | |
| | CLAYTON CO | | | |
| | CLINTON CO | | | |
| | CRAWFORD CO | | | |
| | DALLAS CO | | | |
| | DAVIS CO | | | |
| | DECATUR CO | | | |
| | DELAWARE CO | | | |
| | DES MOINES CO | | | |
| | DICKINSON CO | | | |
| | DUBUQUE CO | 8.7 | | 29 |
| | EMMET CO | | | |
| | FAYETTE CO | | | |
| | FLOYD CO | | | |
| | FRANKLIN CO | | | |
| | FREMONT CO | | | |
| | GREENE CO | | | |
| | GRUNDY CO | | | |
| | GUTHRIE CO | | | |
| | HAMILTON CO | | | |
| | HANCOCK CO | | | |
| | HARDIN CO | | | |
| | HARRISON CO | | | |
| | HENRY CO | | | |
| | HOWARD CO | | | |
| | HUMBOLDT CO | | | |
| | IDA CO | | | |
| | IOWA CO | | | |
| | JACKSON CO | | | |
| | JASPER CO | | | |
| | JEFFERSON CO | | | |
| | JOHNSON CO | | | |
| | JONES CO | | | |
| | KEOKUK CO | | | |
| | KOSSUTH CO | | | |
| | LEE CO | | | |
| | LINN CO | 6.6 | 263* | 42 |
| | LOUISA CO | | | |
| | LUCAS CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Iowa | LYON CO | | | |
| | MADISON CO | | | |
| | MAHASKA CO | | | |
| | MARION CO | | | |
| | MARSHALL CO | | | |
| | MILLS CO | | | |
| | MITCHELL CO | | | |
| | MONONA CO | | | |
| | MONROE CO | | | |
| | MONTGOMERY CO | | | |
| | MUSCATINE CO | | | |
| | O'BRIEN CO | | | |
| | OSCEOLA CO | | | |
| | PAGE CO | | | |
| | PALO ALTO CO | | | |
| | PLYMOUTH CO | | | |
| | POCAHONTAS CO | | | |
| | POLK CO | 12.8 * | 229 * | 53 |
| | POTTAWATTAMIE CO | | * | |
| | POWESHIEK CO | | | |
| | RINGGOLD CO | | | |
| | SAC CO | | | |
| | SCOTT CO | 11.0 | 186 * | |
| | SHELBY CO | | | |
| | SIOUX CO | | | |
| | STORY CO | | | |
| | TAMA CO | | | |
| | TAYLOR CO | | | |
| | UNION CO | | | |
| | VAN BUREN CO | | | |
| | WAPELLO CO | | | |
| | WARREN CO | | | 13 |
| | WASHINGTON CO | | | |
| | WAYNE CO | | | |
| | WEBSTER CO | | | |
| | WINNEBAGO CO | | | |
| | WINNESHIEK CO | | | |
| | WOODBURY CO | | | |
| | WORTH CO | | | |
| | WRIGHT CO | | | |
| Kansas | ALLEN CO | | | |
| | ANDERSON CO | | | |
| | ATCHISON CO | | | 22 |
| | BARBER CO | | | |
| | BARTON CO | | | |
| | BOURBON CO | | | |
| | BROWN CO | | | |
| | BUTLER CO | | | 13 |
| | CHASE CO | | | |
| | CHAUTAUQUA CO | | | |
| | CHEROKEE CO | | | |
| | CHEYENNE CO | | | |
| | CLARK CO | | | |
| | CLAY CO | | | |
| | CLOUD CO | | | |
| | COFFEY CO | | | |
| | COMANCHE CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (µg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (µg/m$^3$) |
|---|---|---|---|---|
| Kansas | COWLEY CO | | | 19 |
| | CRAWFORD CO | | | |
| | DECATUR CO | | | |
| | DICKINSON CO | | | |
| | DONIPHAN CO | | | |
| | DOUGLAS CO | 11.1 | 260 * | 27 |
| | EDWARDS CO | | | |
| | ELK CO | | | |
| | ELLIS CO | | | |
| | ELLSWORTH CO | | | |
| | FINNEY CO | | | |
| | FORD CO | | | 9 |
| | FRANKLIN CO | | | |
| | GEARY CO | | | |
| | GOVE CO | | | |
| | GRAHAM CO | | | 9 |
| | GRANT CO | | | 9 |
| | GRAY CO | | | |
| | GREELEY CO | | | |
| | GREENWOOD CO | | | |
| | HAMILTON CO | | | |
| | HARPER CO | | | |
| | HARVEY CO | | | |
| | HASKELL CO | | | |
| | HODGEMAN CO | | | |
| | JACKSON CO | | | |
| | JEFFERSON CO | | | |
| | JEWELL CO | | | |
| | JOHNSON CO | | * | 23 |
| | KEARNEY CO | | | |
| | KINGMAN CO | | | |
| | KIOWA CO | | | |
| | LABETTE CO | | | |
| | LANE CO | | | |
| | LEAVENWORTH CO | | | 26 |
| | LINCOLN CO | | | |
| | LINN CO | | | 13 |
| | LOGAN CO | | | |
| | LYON CO | | | |
| | MC PHERSON CO | | | 17 |
| | MARION CO | | | |
| | MARSHALL CO | | | |
| | MEADE CO | | | |
| | MIAMI CO | | | |
| | MITCHELL CO | | | |
| | MONTGOMERY CO | | | 15 |
| | MORRIS CO | | | |
| | MORTON CO | | | |
| | NEMAHA CO | | | |
| | NEOSHO CO | | | |
| | NESS CO | | | |
| | NORTON CO | | | |
| | OSAGE CO | | | |
| | OSBORNE CO | | | |
| | OTTAWA CO | | | |
| | PAWNEE CO | | | |
| | PHILLIPS CO | | | 18 |

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.$^2$ (µg/m$^3$) | Arithmetic mean $NO_x$ conc.$^3$ (µg/m$^3$) |
|---|---|---|---|---|
| Kansas | POTTAWATOMIE CO | | | 9 |
| | PRATT CO | | | |
| | RAWLINS CO | | | |
| | RENO CO | | | 19 |
| | REPUBLIC CO | | | |
| | RICE CO | | | |
| | RILEY CO | | | 15 |
| | ROOKS CO | | | |
| | RUSH CO | | | |
| | RUSSELL CO | | | |
| | SALINE CO | | | |
| | SCOTT CO | | | |
| | SEDGWICK CO | 17.8 * | 240 * | 36 |
| | SEWARD CO | | | |
| | SHAWNEE CO | 11.5 | 150 | 31 |
| | SHERIDAN CO | | | |
| | SHERMAN CO | | | 12 |
| | SMITH CO | | | |
| | STAFFORD CO | | | |
| | STANTON CO | | | |
| | STEVENS CO | | | |
| | SUMNER CO | | | |
| | THOMAS CO | | | |
| | TREGO CO | | | |
| | WABAUNSEE CO | | | |
| | WALLACE CO | | | |
| | WASHINGTON CO | | | |
| | WICHITA CO | 12.8 | 180 | |
| | WILSON CO | | | |
| | WOODSON CO | | | |
| | WYANDOTTE CO | 10.9 * | 260 * | 54 |
| Kentucky | ADAIR CO | | | |
| | ALLEN CO | | | |
| | ANDERSON CO | | | |
| | BALLARD CO | | | 24 |
| | BARREN CO | | | 24 |
| | BATH CO | | | |
| | BELL CO | | | 32 |
| | BOONE CO | | 244 * | 43 |
| | BOURBON CO | | | 34 |
| | BOYD CO | 6.9 | 263 * | 51 |
| | BOYLE CO | | | 44 |
| | BRACKEN CO | | | |
| | BREATHITT CO | | | |
| | BRECKINRIDGE CO | | | |
| | BULLITT CO | | | 39 |
| | BUTLER CO | | | |
| | CALDWELL CO | | | 26 |
| | CALLOWAY CO | | | 26 |
| | CAMPBELL CO | 5.6 | 225 * | 75 |
| | CARLISLE CO | | | 22 |
| | CARROLL CO | | | 25 |
| | CARTER CO | | | 24 |
| | CASEY CO | | | |
| | CHRISTIAN CO | | | |
| | CLARK CO | | | 38 |
| | CLAY CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Kentucky | CLINTON CO | | | |
| | CRITTENDEN CO | | | |
| | CUMBERLAND CO | | | |
| | DAVIESS CO | 6.3 | 206 | 57 |
| | EDMONSON CO | | | |
| | ELLIOTT CO | | | |
| | ESTILL CO | | | |
| | FAYETTE CO | 8.6 | 265* | 36 |
| | FLEMING CO | | | |
| | FLOYD CO | | | 27 |
| | FRANKLIN CO | | | 39 |
| | FULTON CO | | | 25 |
| | GALLATIN CO | | | 18 |
| | GARRARD CO | | | |
| | GRANT CO | | | |
| | GRAVES CO | | | |
| | GRAYSON CO | | | 19 |
| | GREEN CO | | | |
| | GREENUP CO | | | 33 |
| | HANCOCK CO | | | 28 |
| | HARDIN CO | | | 30 |
| | HARLAN CO | | | 19 |
| | HARRISON CO | | | 33 |
| | HART CO | | | |
| | HENDERSON CO | 4.1 | 292* | 46 |
| | HENRY CO | | | |
| | HICKMAN CO | | | |
| | HOPKINS CO | | | 24 |
| | JACKSON CO | | | |
| | JEFFERSON CO | 22.4* | 343* | 76 |
| | JESSAMINE CO | | | |
| | JOHNSON CO | | | |
| | KENTON CO | | * | 49 |
| | KNOTT CO | | | |
| | KNOX CO | | | |
| | LARUE CO | | | |
| | LAUREL CO | | | 37 |
| | LAWRENCE CO | | | 32 |
| | LEE CO | | | |
| | LESLIE CO | | | |
| | LETCHER CO | | | |
| | LEWIS CO | | | |
| | LINCOLN CO | | | |
| | LIVINGSTON CO | | | 18 |
| | LOGAN CO | | | 20 |
| | LYON CO | | | |
| | MC CRACKEN CO | 9.0 | 200 | 48 |
| | MC CREARY CO | | | |
| | MC LEAN CO | | | |
| | MADISON CO | | | 23 |
| | MAGOFFIN CO | | | |
| | MARION CO | | | |
| | MARSHALL CO | | | 26 |
| | MARTIN CO | | | |
| | MASON CO | | | 28 |
| | MEADE CO | | | |
| | MENIFEE CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (μg/m³) | Arithmetic mean $NO_x$ conc.[3] (μg/m³) |
|---|---|---|---|---|
| Kentucky | MERCER CO | | | |
| | METCALFE CO | | | |
| | MONROE CO | | | |
| | MONTGOMERY CO | | | |
| | MORGAN CO | | | |
| | MUHLENBERG CO | | | 31 |
| | NELSON CO | | | 24 |
| | NICHOLAS CO | | | |
| | OHIO CO | | | |
| | OLDHAM CO | | | 28 |
| | OWEN CO | | | 19 |
| | OWSLEY CO | | | |
| | PENDLETON CO | | | 20 |
| | PERRY CO | | | 36 |
| | PIKE CO | | | 33 |
| | POWELL CO | | | |
| | PULASKI CO | | | 28 |
| | ROBERTSON CO | | | |
| | ROCKCASTLE CO | | | |
| | ROWAN CO | | | 18 |
| | RUSSELL CO | | | |
| | SCOTT CO | | | |
| | SHELBY CO | | | 31 |
| | SIMPSON CO | | | 17 |
| | SPENCER CO | | | |
| | TAYLOR CO | | | |
| | TODD CO | | | 15 |
| | TRIGG CO | | | |
| | TRIMBLE CO | | | |
| | UNION CO | | | |
| | WARREN CO | | | 30 |
| | WASHINGTON CO | | | |
| | WAYNE CO | | | |
| | WEBSTER CO | | | |
| | WHITLEY CO | | | 42 |
| | WOLFE CO | | | |
| | WOODFORD CO | | | |
| Louisiana | ACADIA PAR | | | |
| | ALLEN PAR | | | |
| | ASCENSION PAR | | * | |
| | ASSUMPTION PAR | | | |
| | AVOYELLES PAR | | | |
| | BEAUREGARD PAR | | * | |
| | BIENVILLE PAR | | | |
| | BOSSIER PAR | | * | |
| | CADDO PAR | | 269 * | 25 |
| | CALCASIEU PAR | | 259 * | 96 |
| | CALDWELL PAR | | | |
| | CAMERON PAR | | | |
| | CATAHOULA PAR | | | |
| | CLAIBORNE PAR | | | |
| | CONCORDIA PAR | | | |
| | DE SOTO PAR | | | |
| | EAST BATON ROUGE PAR | | 361 * | 52 |
| | EAST CARROLL PAR | | | |
| | EAST FELICIANA PAR | | | |
| | EVANGELINE PAR | | | |

| State | County | 2nd max 8-hr CO conc.[1] ($mg/m^3$) | 2nd max 1-hr $O_3$ conc.[2] ($\mu g/m^3$) | Arithmetic mean $NO_x$ conc.[3] ($\mu g/m^3$) |
|---|---|---|---|---|
| Louisiana | FRANKLIN PAR | | | |
| | GRANT PAR | | 255* | |
| | IBERIA PAR | | | |
| | IBERVILLE PAR | | 312* | 32 |
| | JACKSON PAR | | | |
| | JEFFERSON PAR | | * | |
| | JEFFERSON DAVIS PAR | | | |
| | LAFAYETTE PAR | | * | |
| | LAFOURCHE PAR | | * | |
| | LA SALLE PAR | | | |
| | LINCOLN PAR | | | |
| | LIVINGSTON PAR | | | |
| | MADISON PAR | | | |
| | MOREHOUSE PAR | | | |
| | NATCHITOCHES PAR | | | |
| | ORLEANS PAR | | 253* | 39 |
| | OUACHITA PAR | | | |
| | PLAQUEMINES PAR | | | |
| | POINTE COUPEE PAR | | * | |
| | RAPIDES PAR | | | |
| | RED RIVER PAR | | | |
| | RICHLAND PAR | | | |
| | ST BERNARD PAR | | * | |
| | ST CHARLES PAR | | * | |
| | ST HELENA PAR | | | |
| | ST JAMES PAR | | * | |
| | ST JOHN THE BAPTIST PAR | | * | |
| | ST LANDRY PAR | | | |
| | ST MARTIN PAR | | | |
| | ST MARY PAR | | * | |
| | ST TAMMANY PAR | | | |
| | SABINE PAR | | | |
| | TANGIPAHOA PAR | | | |
| | TENSAS PAR | | | |
| | TERREBONNE PAR | | | |
| | UNION PAR | | | |
| | VERMILION PAR | | | |
| | VERNON PAR | | | |
| | WASHINGTON PAR | | | |
| | WEBSTER PAR | | | |
| | WEST BATON ROUGE PAR | | * | |
| | WEST CARROLL PAR | | | |
| | WEST FELICIANA PAR | | | |
| | WINN PAR | | | |
| Maine | ANDROSCOGGIN CO | 18.1 * | * | 33 |
| | AROOSTOOK CO | | | |
| | CUMBERLAND CO | | 450* | 47 |
| | FRANKLIN CO | | * | |
| | HANCOCK CO | | * | 6 |
| | KENNEBEC CO | | * | 36 |
| | KNOX CO | | * | |
| | LINCOLN CO | | * | |
| | OXFORD CO | | * | |
| | PENOBSCOT CO | 15.6 * | * | 44 |
| | PISCATAQUIS CO | | * | |
| | SAGADAHOC CO | | * | |
| | SOMERSET CO | | * | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (µg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (µg/m$^3$) |
|---|---|---|---|---|
| Maine | WALDO CO | | * | |
| | WASHINGTON CO | | * | |
| | YORK CO | | * | |
| Maryland | ALLEGANY CO | 9.4 * | * | 44 |
| | ANNE ARUNDEL CO | 7.3 | 294 * | 61 |
| | BALTIMORE | * | * | |
| | BALTIMORE CO | 13.0 | 412 * | 66 |
| | CALVERT CO | | | 21 |
| | CAROLINE CO | | | |
| | CARROLL CO | | * | 28 |
| | CECIL CO | | | 38 |
| | CHARLES CO | | | 25 |
| | DORCHESTER CO | | | 31 |
| | FREDERICK CO | | | 61 |
| | GARRETT CO | | * | 26 |
| | HARFORD CO | | * | 41 |
| | HOWARD CO | | * | 36 |
| | KENT CO | | | |
| | MONTGOMERY CO | 11.3 * | 333 * | 90 |
| | PRINCE GEORGES CO | 7.9 * | 353 * | 77 |
| | QUEEN ANNES CO | | | |
| | ST MARYS CO | | | 22 |
| | SOMERSET CO | | | |
| | TALBOT CO | | | |
| | WASHINGTON CO | * | * | |
| | WICOMICO CO | | | 36 |
| | WORCESTER CO | | | |
| Mass. | BARNSTABLE | | * | |
| | BERKSHIRE | | * | |
| | BRISTOL | | * | |
| | DUKES | | * | |
| | ESSEX | | * | |
| | FRANKLIN | | * | |
| | HAMPDEN | * | * | |
| | HAMPSHIRE | | * | |
| | MIDDLESEX | * | * | |
| | NANTUCKET | | * | |
| | NORFOLK | | * | |
| | PLYMOUTH | | * | |
| | SUFFOLK | * | * | |
| | WORCHESTER | * | * | |
| | BERKSHIRE APCD | | | |
| | CENTRAL MASSACHUSETTS | | | |
| | MERRIMACK VALLEY APCD | | | |
| | METROPOLITAN BOSTON | | | |
| | PIONEER VALLEY APCD | | | |
| | SOUTHEASTERN MASS. | | | |
| Michigan | ALCONA CO | | | |
| | ALGER CO | | | |
| | ALLEGAN CO | | * | |
| | ALPENA CO | | | |
| | ANTRIM CO | | | |
| | ARENAC CO | | | |
| | BARAGA CO | | | |
| | BARRY CO | | | |
| | BAY CO | | 250* | |
| | BENZIE CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] ($mg/m^3$) | 2nd max 1-hr $O_3$ conc.[2] ($\mu g/m^3$) | Arithmetic mean $NO_x$ conc.[3] ($\mu g/m^3$) |
|---|---|---|---|---|
| 46 Michigan | BERRIEN CO | | * | |
| | BRANCH CO | | * | |
| | CALHOUN CO | | * | |
| | CASS CO | | * | |
| | CHARLEVOIX CO | | | |
| | CHEBOYGAN CO | | | |
| | CHIPPEWA CO | | | |
| | CLARE CO | | | |
| | CLINTON CO | | * | |
| | CRAWFORD CO | | | |
| | DELTA CO | | | |
| | DICKINSON CO | | | |
| | EATON CO | | * | |
| | EMMET CO | | | |
| | GENESEE CO | | 213* | |
| | GLADWIN CO | | | |
| | GOGEBIC CO | | | |
| | GRAND TRAVERSE CO | | | |
| | GRATIOT CO | | * | |
| | HILLSDALE CO | | * | |
| | HOUGHTON CO | | | |
| | HURON CO | | * | |
| | INGHAM CO | | 186* | 57 |
| | IONIA CO | | * | |
| | IOSCO CO | | | |
| | IRON CO | | | |
| | ISABELLA CO | | | |
| | JACKSON CO | | * | |
| | KALAMAZOO CO | | * | 58 |
| | KALKASKA CO | | | |
| | KENT CO | 6.5 | 231* | 70 |
| | KEWEENAW CO | | | |
| | LAKE CO | | | |
| | LAPEER CO | | * | |
| | LEELANAU CO | | | |
| | LENAWEE CO | | * | |
| | LIVINGSTON CO | | * | |
| | LUCE CO | | | |
| | MACKINAC CO | | | |
| | MACOMB CO | 12.2* | 431* | 63 |
| | MANISTEE CO | | | |
| | MARQUETTE CO | | 69* | 24 |
| | MASON CO | | | |
| | MECOSTA CO | | | |
| | MENOMINEE CO | | | |
| | MIDLAND CO | | * | 27 |
| | MISSAUKEE CO | | | |
| | MONROE CO | | * | |
| | MONTCALM CO | | * | |
| | MONTMORENCY CO | | | |
| | MUSKEGON CO | | * | 34 |
| | NEWAYGO CO | | | |
| | OAKLAND CO | 8.8* | 280* | 124 |
| | OCEANA CO | | | |
| | OGEMAW CO | | | |
| | ONTONAGON CO | | | |
| | OSCEOLA CO | | | |

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.$^2$ (μg/m$^3$) | Arithmetic mean $NO_x$ conc.$^3$ (μg/m$^3$) |
|---|---|---|---|---|
| Michigan | OSCODA CO | | | |
| | OTSEGO CO | | | |
| | OTTAWA CO | | * | |
| | PRESQUE ISLE CO | | | |
| | ROSCOMMON CO | | | |
| | ST CLAIR CO | 7.9 | 451* | 95 |
| | ST JOSEPH CO | | * | |
| | SAGINAW CO | 20.7* | * | 74 |
| | SANILAC CO | | * | |
| | SCHOOLCRAFT CO | | | |
| | SHIAWASSEE CO | | * | |
| | TUSCOLA CO | | * | |
| | VAN BUREN CO | | * | |
| | WASHTENAW CO | | * | |
| | WAYNE CO | 18.3* | 284* | 76 |
| | WEXFORD CO | | | |
| Minnesota | AITKIN CO | | | |
| | ANOKA CO | * | 210* | |
| | BECKER CO | | | |
| | BELTRAMI CO | | | |
| | BENTON CO | * | | |
| | BIG STONE CO | | | |
| | BLUE EARTH CO | | | |
| | BROWN CO | | | |
| | CARLTON CO | | * | 5 |
| | CARVER CO | * | * | |
| | CASS CO | | | |
| | CHIPPEWA CO | | | |
| | CHISAGO CO | | | |
| | CLAY CO | | | |
| | CLEARWATER CO | | | |
| | COOK CO | | | |
| | COTTONWOOD CO | | | |
| | CROW WING CO | | | |
| | DAKOTA CO | * | * | 40 |
| | DODGE CO | | | |
| | DOUGLAS CO | | | |
| | FARIBAULT CO | | | |
| | FILLMORE CO | | | |
| | FREEBORN CO | | | |
| | GOODHUE CO | | | |
| | GRANT CO | | | |
| | HENNEPIN CO | 5.5* | 188* | 69 |
| | HOUSTON CO | | | |
| | HUBBARD CO | | | |
| | ISANTI CO | | | |
| | ITASCA CO | | | |
| | JACKSON CO | | | |
| | KANABEC CO | | | |
| | KANDIYOHI CO | | | |
| | KITTSON CO | | | |
| | KOOCHICHING CO | | | |
| | LAC QUI PARLE CO | | | |
| | LAKE CO | | 196* | 6 |
| | LAKE OF THE WOODS CO | | | |
| | LE SUEUR CO | | | |
| | LINCOLN CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (μg/m³) | Arithmetic mean $NO_x$ conc.[3] (μg/m³) |
|---|---|---|---|---|
| Minnesota | LYON CO | | | |
| | MC LEOD CO | | | |
| | MAHNOMEN CO | | | |
| | MARSHALL CO | | | |
| | MARTIN CO | | | |
| | MEEKER CO | | 202 | |
| | MILLE LACS CO | | | |
| | MORRISON CO | | | |
| | MOWER CO | | | |
| | MURRAY CO | | | |
| | NICOLLET CO | | | |
| | NOBLES CO | | | |
| | NORMAN CO | | | |
| | OLMSTED CO | 11.7 * | 1156 * | 18 |
| | OTTER TAIL CO | | | |
| | PENNINGTON CO | | | |
| | PINE CO | | | |
| | PIPESTONE CO | | | |
| | POLK CO | | | |
| | POPE CO | | | |
| | RAMSEY CO | 13.2 * | * | 58 |
| | RED LAKE CO | | | |
| | REDWOOD CO | | | |
| | RENVILLE CO | | | |
| | RICE CO | | | |
| | ROCK CO | | | |
| | ROSEAU CO | | | |
| | ST LOUIS CO | 17.3 * | * | 28 |
| | SCOTT CO | * | * | |
| | SHERBURNE CO | 20.7 * | * | 15 |
| | SIBLEY CO | | | |
| | STEARNS CO | * | | 27 |
| | STEELE CO | | | |
| | STEVENS CO | | | |
| | SWIFT CO | | | |
| | TODD CO | | | |
| | TRAVERSE CO | | | |
| | WABASHA CO | | | |
| | WADENA CO | | | |
| | WASECA CO | | | |
| | WASHINGTON CO | * | * | 40 |
| | WATONWAN CO | | | |
| | WILKIN CO | | | |
| | WINONA CO | | | |
| | WRIGHT CO | | | |
| | YELLOW MEDICINE CO | | | |
| Miss. | ADAMS CO | | | |
| | ALCORN CO | | | |
| | AMITE CO | | | |
| | ATTALA CO | | | |
| | BENTON CO | | | |
| | BOLIVAR CO | | | |
| | CALHOUN CO | | | |
| | CARROLL CO | | | |
| | CHICKASAW CO | | | |
| | CHOCTAW CO | | | |
| | CLAIBORNE CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (µg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (µg/m$^3$) |
|---|---|---|---|---|
| Miss. | CLARKE CO | | | |
| | CLAY CO | | | |
| | COAHOMA CO | | | |
| | COPIAH CO | | | |
| | COVINGTON CO | | | |
| | DE SOTO CO | | 358 | 24 |
| | FORREST CO | | | |
| | FRANKLIN CO | | | |
| | GEORGE CO | | | |
| | GREENE CO | | | |
| | GRENADA CO | | | |
| | HANCOCK CO | | | |
| | HARRISON CO | | | |
| | HINDS CO | | 299 | 34 |
| | HOLMES CO | | | |
| | HUMPHREYS CO | | | |
| | ISSAQUENA CO | | | |
| | ITAWAMBA CO | | | |
| | JACKSON CO | | 274 | |
| | JASPER CO | | | |
| | JEFFERSON CO | | | |
| | JEFFERSON DAVIS CO | | | |
| | JONES CO | | | |
| | KEMPER CO | | | |
| | LAFAYETTE CO | | | |
| | LAMAR CO | | | |
| | LAUDERDALE CO | | | |
| | LAWRENCE CO | | | |
| | LEAKE CO | | | |
| | LEE CO | | | |
| | LEFLORE CO | | | |
| | LINCOLN CO | | | |
| | LOWNDES CO | | | |
| | MADISON CO | | | |
| | MARION CO | | | |
| | MARSHALL CO | | | |
| | MONROE CO | | | |
| | MONTGOMERY CO | | | |
| | NESHOBA CO | | | |
| | NEWTON CO | | | |
| | NOXUBEE CO | | | |
| | OKTIBBEHA CO | | | |
| | PANOLA CO | | | |
| | PEARL RIVER CO | | | |
| | PERRY CO | | | |
| | PIKE CO | | | |
| | PONTOTOC CO | | | |
| | PRENTISS CO | | | |
| | QUITMAN CO | | | |
| | RANKIN CO | | | |
| | SCOTT CO | | | |
| | SHARKEY CO | | | |
| | SIMPSON CO | | | |
| | SMITH CO | | | |
| | STONE CO | | | |
| | SUNFLOWER CO | | | |
| | TALLAHATCHIE CO | | | |

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr O$_3$ conc.$^2$ (µg/m$^3$) | Arithmetic mean NO$_x$ conc.$^3$ (µg/m$^3$) |
|---|---|---|---|---|
| Miss. | TATE CO | | | |
| | TIPPAH CO | | | |
| | TISHOMINGO CO | | | |
| | TUNICA CO | | | |
| | UNION CO | | | |
| | WALTHALL CO | | | |
| | WARREN CO | | | 17 |
| | WASHINGTON CO | | | |
| | WAYNE CO | | | |
| | WEBSTER CO | | | |
| | WILKINSON CO | | | |
| | WINSTON CO | | | |
| | YALOBUSHA CO | | | |
| | YAZOO CO | | | 5 |
| Missouri | ADAIR CO | | | |
| | ANDREW CO | | | |
| | ATCHISON CO | | | |
| | AUDRAIN CO | | | |
| | BARRY CO | | | |
| | BARTON CO | | | |
| | BATES CO | | | |
| | BENTON CO | | | |
| | BOLLINGER CO | | | |
| | BOONE CO | | | |
| | BUCHANAN CO | | | |
| | BUTLER CO | | | |
| | CALDWELL CO | | | |
| | CALLAWAY CO | | | |
| | CAMDEN CO | | | |
| | CAPE GIRARDEAU CO | | | |
| | CARROLL CO | | | |
| | CARTER CO | | | |
| | CASS CO | | | |
| | CEDAR CO | | | |
| | CHARITON CO | | | |
| | CHRISTIAN CO | | | |
| | CLARK CO | | | |
| | CLAY CO | 3.3 | 216* | 27 |
| | CLINTON CO | | | |
| | COLE CO | | | |
| | COOPER CO | | | |
| | CRAWFORD CO | | | |
| | DADE CO | | | |
| | DALLAS CO | | | |
| | DAVIESS CO | | | |
| | DE KALB CO | | | |
| | DENT CO | | | |
| | DOUGLAS CO | | | |
| | DUNKLIN CO | | | |
| | FRANKLIN CO | | * | |
| | GASCONADE CO | | | |
| | GENTRY CO | | | |
| | GREENE CO | 15.1 | 151 | 62 |
| | GRUNDY CO | | | |
| | HARRISON CO | | | |
| | HENRY CO | | | |
| | HICKORY CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Missouri | HOLT CO | | | |
| | HOWARD CO | | | |
| | HOWELL CO | | | |
| | IRON CO | | | |
| | JACKSON CO | | * | 24 |
| | JASPER CO | | | |
| | JEFFERSON CO | | * | |
| | JOHNSON CO | | | |
| | KNOX CO | | | |
| | LACLEDE CO | | | |
| | LAFAYETTE CO | | | |
| | LAWRENCE CO | | | |
| | LEWIS CO | | | |
| | LINCOLN CO | | | |
| | LINN CO | | | |
| | LIVINGSTON CO | | | |
| | MC DONALD CO | | | |
| | MACON CO | | | |
| | MADISON CO | | | |
| | MARIES CO | | | |
| | MARION CO | | | |
| | MERCER CO | | | |
| | MILLER CO | | | |
| | MISSISSIPPI CO | | | |
| | MONITEAU CO | | | |
| | MONROE CO | | | |
| | MONTGOMERY CO | | | |
| | MORGAN CO | | | |
| | NEW MADRID CO | | | |
| | NEWTON CO | | | |
| | NODAWAY CO | | | |
| | OREGON CO | | | |
| | OSAGE CO | | | |
| | OZARK CO | | | |
| | PEMISCOT CO | | | |
| | PERRY CO | | | |
| | PETTIS CO | | | |
| | PHELPS CO | | | |
| | PIKE CO | | | |
| | PLATTE CO | | * | |
| | POLK CO | | | |
| | PULASKI CO | | | |
| | PUTNAM CO | | | |
| | RALLS CO | | | |
| | RANDOLPH CO | | | |
| | RAY CO | | | |
| | REYNOLDS CO | | | |
| | RIPLEY CO | | | |
| | ST CHARLES CO | 5.9 | 86 * | 142 |
| | ST CLAIR CO | | | |
| | ST FRANCOIS CO | | | |
| | ST LOUIS | 15.9 * | 382 * | 52 |
| | ST LOUIS CO | * | * | |
| | STE GENEVIEVE CO | | | |
| | SALINE CO | | | |
| | SCHUYLER CO | | | |
| | SCOTLAND CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/$m^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/$m^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/$m^3$) |
|---|---|---|---|---|
| Missouri | SCOTT CO | | | |
| | SHANNON CO | | | 9 |
| | SHELBY CO | | | |
| | STODDARD CO | | | |
| | STONE CO | | | |
| | SULLIVAN CO | | | |
| | TANEY CO | | | |
| | TEXAS CO | | | |
| | VERNON CO | | | |
| | WARREN CO | | | |
| | WASHINGTON CO | | | |
| | WAYNE CO | | | |
| | WEBSTER CO | | | |
| | WORTH CO | | | |
| | WRIGHT CO | | | |
| Montana | BEAVERHEAD CO | | | |
| | BIG HORN CO | | | |
| | BLAINE CO | | | |
| | BROADWATER CO | | | |
| | CARBON CO | | | |
| | CARTER CO | | | |
| | CASCADE CO | 7.5 | | |
| | CHOUTEAU CO | | | |
| | CUSTER CO | | | |
| | DANIELS CO | | | 3 |
| | DAWSON CO | | | |
| | DEER LODGE CO | | | |
| | FALLON CO | | | |
| | FERGUS CO | | | |
| | FLAT HEAD CO | | | |
| | GALLATIN CO | | | |
| | GARFIELD CO | | | |
| | GLACIER CO | | | 4 |
| | GOLDEN VALLEY CO | | | |
| | GRANITE CO | | | |
| | HILL CO | | | |
| | JEFFERSON CO | | | |
| | JUDITH BASIN CO | | | |
| | LAKE CO | | | |
| | LEWIS AND CLARK CO | | | |
| | LIBERTY CO | | | |
| | LINCOLN CO | | | |
| | MC CONE CO | | | 3 |
| | MADISON CO | | | |
| | MEAGHER CO | | | |
| | MINERAL CO | | | |
| | MISSOULA CO | 25.2 * | | |
| | MUSSELSHELL CO | | | |
| | PARK CO | | | |
| | PETROLEUM CO | | | |
| | PHILLIPS CO | | | |
| | PONDERA CO | | | |
| | POWDER RIVER CO | | | |
| | POWELL CO | | | |
| | PRAIRIE CO | | | |
| | RAVALLI CO | | | |
| | RICHLAND CO | | | |

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.$^2$ (μg/m$^3$) | Arithmetic mean $NO_x$ conc.$^3$ (μg/m$^3$) |
|---|---|---|---|---|
| Montana | ROOSEVELT CO | | | |
| | ROSEBUD CO | | 235 | 65 |
| | SANDERS CO | | | |
| | SHERIDAN CO | | | |
| | SILVER BOW CO | 4.8 | 302 | 15 |
| | STILLWATER CO | | | |
| | SWEET GRASS CO | | | |
| | TETON CO | | | |
| | TOOLE CO | | | |
| | TREASURE CO | | | |
| | VALLEY CO | | | |
| | WHEATLAND CO | | | |
| | WIBAUX CO | | | |
| | YELLOWSTONE CO | 12.2* | 133* | 57 |
| Nebraska | ADAMS CO | | | |
| | ANTELOPE CO | | | |
| | ARTHUR CO | | | |
| | BANNER CO | | | |
| | BLAINE CO | | | |
| | BOONE CO | | | |
| | BOX BUTTE CO | | | |
| | BOYD CO | | | |
| | BROWN CO | | | |
| | BUFFALO CO | | | |
| | BURT CO | | | |
| | BUTLER CO | | | |
| | CASS CO | | | |
| | CEDAR CO | | | |
| | CHASE CO | | | |
| | CHERRY CO | | | |
| | CHEYENNE CO | | | |
| | CLAY CO | | | |
| | COLFAX CO | | | |
| | CUMING CO | | | |
| | CUSTER CO | | | |
| | DAKOTA CO | | | |
| | DAWES CO | | | |
| | DAWSON CO | | | |
| | DEUEL CO | | | |
| | DIXON CO | | | |
| | DODGE CO | | | |
| | DOUGLAS CO | 16.1* | 186* | 58 |
| | DUNDY CO | | | |
| | FILLMORE CO | | | |
| | FRANKLIN CO | | | |
| | FRONTIER CO | | | |
| | FURNAS CO | | | |
| | GAGE CO | | | |
| | GARDEN CO | | | |
| | GARFIELD CO | | | |
| | GOSPER CO | | | |
| | GRANT CO | | | |
| | GREELEY CO | | | |
| | HALL CO | | | |
| | HAMILTON CO | | | |
| | HARLAN CO | | | |
| | HAYES CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (µg/m³) | Arithmetic mean $NO_x$ conc.[3] (µg/m³) |
|---|---|---|---|---|
| Nebraska | HITCHCOCK CO | | | |
| | HOLT CO | | | |
| | HOOKER CO | | | |
| | HOWARD CO | | | |
| | JEFFERSON CO | | | |
| | JOHNSON CO | | | |
| | KEARNEY CO | | | |
| | KEITH CO | | | |
| | KEYA PAHA CO | | | |
| | KIMBALL CO | | | |
| | KNOX CO | | | |
| | LANCASTER CO | 17.3* | | 35 |
| | LINCOLN CO | | | |
| | LOGAN CO | | | |
| | LOUP CO | | | |
| | MC PHERSON CO | | | |
| | MADISON CO | | | |
| | MERRICK CO | | | |
| | MORRILL CO | | | |
| | NANCE CO | | | |
| | NEMAHA CO | | | |
| | NUCKOLLS CO | | | |
| | OTOE CO | | | |
| | PAWNEE CO | | | |
| | PERKINS CO | | | |
| | PHELPS CO | | | |
| | PIERCE CO | | | |
| | PLATTE CO | | | |
| | POLK CO | | | |
| | RED WILLOW CO | | | |
| | RICHARDSON CO | | | |
| | ROCK CO | | | |
| | SALINE CO | | | |
| | SARPY CO | | * | 54 |
| | SAUNDERS CO | | | |
| | SCOTTS BLUFF CO | | | |
| | SEWARD CO | | | |
| | SHERIDAN CO | | | |
| | SHERMAN CO | | | |
| | SIOUX CO | | | |
| | STANTON CO | | | |
| | THAYER CO | | | |
| | THOMAS CO | | | 16 |
| | THURSTON CO | | | |
| | VALLEY CO | | | |
| | WASHINGTON CO | | | |
| | WAYNE CO | | | |
| | WEBSTER CO | | | |
| | WHEELER CO | | | |
| | YORK CO | | | |
| Nevada | CARSON CITY | * | * | |
| | CHURCHILL CO | | | |
| | CLARK CO | 12.8 * | 664 * | 30 |
| | DOUGLAS CO | 12.9 * | 122 * | |
| | ELKO CO | | | |
| | ESMERALDA CO | | | |
| | EUREKA CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/$m^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/$m^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/$m^3$) |
|---|---|---|---|---|
| New Mexico | MC KINLEY CO | | | |
| | MORA CO | | | |
| | OTERO CO | | | |
| | QUAY CO | | | |
| | RIO ARRIBA CO | | | |
| | ROOSEVELT CO | | | |
| | SANDOVAL CO | | | |
| | SAN JUAN CO | 7.8 * | | 39 |
| | SAN MIGUEL CO | | | |
| | SANTA FE CO | 10.2 * | | |
| | SIERRA CO | | | |
| | SOCORRO CO | | | 21 |
| | TAOS CO | | | |
| | TORRANCE CO | | | |
| | UNION CO | | | |
| | VALENCIA CO | | | |
| New York | ALBANY CO | * | * | |
| | ALLEGANY CO | | | |
| | BRONX CO | 7.5 * | 245 * | 79 |
| | BROOME CO | 3.7 | 104 | |
| | CATTARAUGUS CO | | | |
| | CAYUGA CO | | * | |
| | CHAUTAUQUA CO | | | |
| | CHEMUNG CO | 2.8 | | |
| | CHENANGO CO | | | |
| | CLINTON CO | | | |
| | COLUMBIA CO | | * | |
| | CORTLAND CO | | | |
| | DELAWARE CO | | | |
| | DUTCHESS CO | | * | |
| | ERIE CO | 10.7 * | 261 * | |
| | ESSEX CO | | 245 | |
| | FRANKLIN CO | | | |
| | FULTON CO | | * | |
| | GENESEE CO | | * | |
| | GREENE CO | | * | |
| | HAMILTON CO | | | |
| | HERKIMER CO | | | |
| | JEFFERSON CO | | | |
| | KINGS CO | 6.9 * | 314 * | 97 |
| | LEWIS CO | | | |
| | LIVINGSTON CO | | * | |
| | MADISON CO | | | |
| | MONROE CO | 4.6 * | 253 * | 52 |
| | MONTGOMERY CO | | * | |
| | NASSAU CO | 12.2 * | 384 * | |
| | NEW YORK CO | 23.9 * | 425 * | 78 |
| | NIAGARA CO | 10.0 | 284 * | |
| | ONEIDA CO | 4.6 | 239 | |
| | ONONDAGA CO | 9.3 * | 267 * | 63 |
| | ONTARIO CO | | * | |
| | ORANGE CO | | * | |
| | ORLEANS CO | | * | |
| | OSWEGO CO | | | |
| | OTSEGO CO | | | |
| | PUTNAM CO | | * | |
| | QUEENS CO | * 5.5 * | * 255 * | 71 |

| State | County | 2nd max 8-hr CO conc.[1] (mg/$m^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/$m^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/$m^3$) |
|---|---|---|---|---|
| Nevada | HUMBOLDT CO | | | |
| | LANDER CO | | | |
| | LINCOLN CO | | | |
| | LYON CO | | | |
| | MINERAL CO | | | |
| | NYE CO | | | |
| | PERSHING CO | | | |
| | STOREY CO | | | |
| | WASHOE CO | 21.8 * | 980 * | 63 |
| | WHITE PINE CO | | | |
| New Hamp. | BELKNAP CO | | * | |
| | CARROLL CO | | * | |
| | CHESHIRE CO | | 288 * | 28 |
| | COOS CO | 6.9 | 157 | 27 |
| | GRAFTON CO | | 18 * | |
| | HILLSBOROUGH CO | 9.6 * | 333 * | 46 |
| | MERRIMACK CO | | * | 29 |
| | ROCKINGHAM CO | | 451 * | 35 |
| | STRAFFORD CO | | * | 27 |
| | SULLIVAN CO | | * | |
| New Jersey | ATLANTIC CO | 11.0 * | * | |
| | BERGEN CO | 13.4 * | * | |
| | BURLINGTON CO | 15.2 * | * | |
| | CAMDEN CO | 15.8 * | 306 * | 55 |
| | CAPE MAY CO | | * | |
| | CUMBERLAND CO | | * | |
| | ESSEX CO | 13.2 | * | 67 |
| | GLOUCESTER CO | 11.5 | * | 33 |
| | HUDSON CO | 23.0 * | 306 * | 63 |
| | HUNTERDON CO | | * | |
| | MERCER CO | 9.4 * | 229 * | 38 |
| | MIDDLESEX CO | 12.7 * | * | |
| | MONMOUTH CO | 13.2 * | 261 * | |
| | MORRIS CO | 24.5 * | * | |
| | OCEAN CO | 17.4 * | * | |
| | PASSAIC CO | 12.7 * | * | 54 |
| | SALEM CO | 9.5 * | * | |
| | SOMERSET CO | 12.2 * | 400 * | |
| | SUSSEX CO | | * | |
| | UNION CO | 22.2 * | * | 81 |
| | WARREN CO | 8.4 | * | 47 |
| New Mexico | BERNALILLO CO | 25.2 * | 294 * | 40 |
| | CATRON CO | | | |
| | CHAVES CO | 8.1 | | 21 |
| | COLFAX CO | | | 25 |
| | CURRY CO | | | |
| | DE BACA CO | | | |
| | DONA ANA CO | 11.6 * | | 29 |
| | EDDY CO | | | 27 |
| | GRANT CO | | | 20 |
| | GUADALUPE CO | | | |
| | HARDING CO | | | |
| | HIDALGO CO | | | 17 |
| | LEA CO | | | 26 |
| | LINCOLN CO | | | |
| | LOS ALAMOS CO | | | |
| | LUNA CO | | | 31 |

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.$^2$ ($\mu g/m^3$) | Arithmetic mean $NO_x$ conc.$^3$ ($\mu g/m^3$) |
|---|---|---|---|---|
| New York | RENSSELAER CO | 4.0 * | 245 * | |
| | RICHMOND CO | * | 294 * | 55 |
| | ROCKLAND CO | | * | |
| | ST. LAWRENCE CO | | | |
| | SARATOGA CO | * | * | |
| | SCHENECTADY CO | 8.5 * | * | 255 |
| | SCHOHARIE CO | | * | |
| | SCHUYLER CO | | | |
| | SENECA CO | | * | |
| | STEUBEN CO | | | |
| | SUFFOLK CO | | 410 * | |
| | SULLIVAN CO | | | |
| | TIOGA CO | | | |
| | TOMPKINS CO | | | |
| | ULSTER CO | 4.2 | 100 * | |
| | WARREN CO | | 239 | |
| | WASHINGTON CO | | | |
| | WAYNE CO | | * | |
| | WESTCHESTER CO | 9.2 * | 361 * | 26 |
| | WYOMING CO | | * | |
| | YATES CO | | * | |
| N. Carolina | ALAMANCE CO | | | 39 |
| | ALEXANDER CO | | | |
| | ALLEGHANY CO | | | |
| | ANSON CO | | | |
| | ASHE CO | | | |
| | AVERY CO | | | |
| | BEAUFORT CO | | | |
| | BERTIE CO | | | |
| | BLADEN CO | | | |
| | BRUNSWICK CO | | | |
| | BUNCOMBE CO | | 180 | 62 |
| | BURKE CO | | | |
| | CABARRUS CO | | | 37 |
| | CALDWELL CO | | | 22 |
| | CAMDEN CO | | | |
| | CARTERET CO | | | 12 |
| | CASWELL CO | | | |
| | CATAWBA CO | | | |
| | CHATHAM CO | | | |
| | CHEROKEE CO | | | |
| | CHOWAN CO | | | |
| | CLAY CO | | | |
| | CLEVELAND CO | | | 10 |
| | COLUMBUS CO | | | 13 |
| | CRAVEN CO | | | 25 |
| | CUMBERLAND CO | | | 38 |
| | CURRITUCK CO | | | |
| | DARE CO | | | |
| | DAVIDSON CO | | | |
| | DAVIE CO | | | |
| | DUPLIN CO | | | |
| | DURHAM CO | | | 31 |
| | EDGECOMBE CO | | | |
| | FORSYTH CO | | | 54 |
| | FRANKLIN CO | | | |
| | GASTON CO | | | 67 |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (µg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (µg/m$^3$) |
|---|---|---|---|---|
| N. Carolin | GATES CO | | | |
| | GRAHAM CO | | | |
| | GRANVILLE CO | | | |
| | GREENE CO | | | |
| | GUILFORD CO | | | 25 |
| | HALIFAX CO | | | 20 |
| | HARNETT CO | | | |
| | HAYWOOD CO | | | 47 |
| | HENDERSON CO | | | 34 |
| | HERTFORD CO | | | 15 |
| | HOKE CO | | | |
| | HYDE CO | | | |
| | IREDELL CO | | | 25 |
| | JACKSON CO | | | 18 |
| | JOHNSTON CO | | | |
| | JONES CO | | | |
| | LEE CO | | | 37 |
| | LENOIR CO | | | |
| | LINCOLN CO | | | |
| | MC DOWELL CO | | | 36 |
| | MACON CO | | | |
| | MADISON CO | | | |
| | MARTIN CO | | | |
| | MECKLENBURG CO | 16.4* | 274* | 53 |
| | MITCHELL CO | | | 27 |
| | MONTGOMERY CO | | | |
| | MOORE CO | | | |
| | NASH CO | | | |
| | NEW HANOVER CO | | | 24 |
| | NORTHAMPTON CO | | | |
| | ONSLOW CO | | | |
| | ORANGE CO | | | 29 |
| | PAMLICO CO | | | |
| | PASQUOTANK CO | | | |
| | PENDER CO | | | |
| | PERQUIMANS CO | | | |
| | PERSON CO | | | 14 |
| | PITT CO | | | 17 |
| | POLK CO | | | |
| | RANDOLPH CO | | | |
| | RICHMOND CO | | | 30 |
| | ROBESON CO | | | 27 |
| | ROCKINGHAM CO | | | 34 |
| | ROWAN CO | | | 33 |
| | RUTHERFORD CO | | | 34 |
| | SAMPSON CO | | | |
| | SCOTLAND CO | | | |
| | STANLY CO | | | 26 |
| | STOKES CO | | | |
| | SURRY CO | | | 36 |
| | SWAIN CO | | | |
| | TRANSYLVANIA CO | | | 27 |
| | TYRRELL CO | | | |
| | UNION CO | | | |
| | VANCE CO | | | |
| | WAKE CO | | | 37 |
| | WARREN CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (µg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (µg/m$^3$) |
|---|---|---|---|---|
| N. Carolina | WASHINGTON CO | | | 17 |
| | WATAUGA CO | | | 22 |
| | WAYNE CO | | | |
| | WILKES CO | | | |
| | WILSON CO | | | |
| | YADKIN CO | | | |
| | YANCEY CO | | | |
| N. Dakota | ADAMS CO | | | |
| | BARNES CO | | | |
| | BENSON CO | | | |
| | BILLINGS CO | | | |
| | BOTTINEAU CO | | | |
| | BOWMAN CO | | | |
| | BURKE CO | | | |
| | BURLEIGH CO | | 196 | 24 |
| | CASS CO | | | 30 |
| | CAVALIER CO | | | |
| | DICKEY CO | | | |
| | DIVIDE CO | | | |
| | DUNN CO | | | 4 |
| | EDDY CO | | | |
| | EMMONS CO | | | |
| | FOSTER CO | | | |
| | GOLDEN VALLEY CO | | | |
| | GRAND FORKS CO | | | |
| | GRANT CO | | | 3 |
| | GRIGGS CO | | | |
| | HETTINGER CO | | | 4 |
| | KIDDER CO | | | |
| | LA MOURE CO | | | |
| | LOGAN CO | | | |
| | MC HENRY CO | | | |
| | MC INTOSH CO | | | |
| | MC KENZIE CO | | | 19 |
| | MC LEAN CO | | | 3 |
| | MERCER CO | | | 13 |
| | MORTON CO | | | 19 |
| | MOUNTRAIL CO | | | |
| | NELSON CO | | | |
| | OLIVER CO | | 137 | 6 |
| | PEMBINA CO | | | |
| | PIERCE CO | | | |
| | RAMSEY CO | | | |
| | RANSOM CO | | | |
| | RENVILLE CO | | | |
| | RICHLAND CO | | | |
| | ROLETTE CO | | | |
| | SARGENT CO | | | |
| | SHERIDAN CO | | | |
| | SIOUX CO | | | |
| | SLOPE CO | | | |
| | STARK CO | | | 8 |
| | STEELE CO | | | |
| | STUTSMAN CO | | | |
| | TOWNER CO | | | |
| | TRAILL CO | | | |
| | WALSH CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (µg/m³) | Arithmetic mean $NO_x$ conc.[3] (µg/m³) |
|---|---|---|---|---|
| N. Dakota | WARD CO | | | |
| | WELLS CO | | | |
| | WILLIAMS CO | | | |
| Ohio | ADAMS CO | | | |
| | ALLEN CO | | 265 * | 43 |
| | ASHLAND CO | | | |
| | ASHTABULA CO | | 304 * | 51 |
| | ATHENS CO | | * | |
| | AUGLAIZE CO | | | 25 |
| | BELMONT CO | | | 34 |
| | BROWN CO | | * | |
| | BUTLER CO | 3.3 | 310 * | 61 |
| | CARROLL CO | | * | 19 |
| | CHAMPAIGN CO | | * | |
| | CLARK CO | | 363 * | 33 |
| | CLERMONT CO | | 382 * | |
| | CLINTON CO | | * | |
| | COLUMBIANA CO | | * | 50 |
| | COSHOCTON CO | | * | 30 |
| | CRAWFORD CO | | | |
| | CUYAHOGA CO | 11.9 * | 196 * | |
| | DARKE CO | | * | 58 |
| | DEFIANCE CO | | | |
| | DELAWARE CO | | * | 28 |
| | ERIE CO | | * | 40 |
| | FAIRFIELD CO | | * | |
| | FAYETTE CO | | * | |
| | FRANKLIN CO | 12.7 * | 216 * | 115 |
| | FULTON CO | | * | |
| | GALLIA CO | | | |
| | GEAUGA CO | | * | 34 |
| | GREENE CO | | * | 24 |
| | GUERNSEY CO | | | |
| | HAMILTON CO | 18.3 * | 386 * | 89 |
| | HANCOCK CO | | * | 38 |
| | HARDIN CO | | | |
| | HARRISON CO | | | 17 |
| | HENRY CO | | * | 32 |
| | HIGHLAND CO | | * | |
| | HOCKING CO | | * | |
| | HOLMES CO | | * | |
| | HURON CO | | * | |
| | JACKSON CO | | | |
| | JEFFERSON CO | 43.6 * | 314 * | 58 |
| | KNOX CO | | | |
| | LAKE CO | | 337 * | 52 |
| | LAWRENCE CO | | * | |
| | LICKING CO | | * | 26 |
| | LOGAN CO | | * | |
| | LORAIN CO | | 269 * | 40 |
| | LUCAS CO | 8.0 * | 284 * | 57 |
| | MADISON CO | | | |
| | MAHONING CO | 9.5 * | 271 * | 83 |
| | MARION CO | * | * | |
| | MEDINA CO | | 269 * | 39 |
| | MEIGS CO | | | 21 |
| | MERCER CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] ($mg/m^3$) | 2nd max 1-hr $O_3$ conc.[2] ($\mu g/m^3$) | Arithmetic mean $NO_x$ conc.[3] ($\mu g/m^3$) |
|---|---|---|---|---|
| Ohio | MIAMI CO | | 127 * | 24 |
| | MONROE CO | | | 41 |
| | MONTGOMERY CO | 16.7 * | 363 * | 62 |
| | MORGAN CO | | | |
| | MORROW CO | | • | |
| | MUSKINGUM CO | | | |
| | NOBLE CO | | | 26 |
| | OTTAWA CO | | • | |
| | PAULDING CO | | | |
| | PERRY CO | | • | |
| | PICKAWAY CO | | • | |
| | PIKE CO | | | |
| | PORTAGE CO | | 353 * | 39 |
| | PREBLE CO | | • | |
| | PUTNAM CO | | | |
| | RICHLAND CO | | • | 45 |
| | ROSS CO | | • | 33 |
| | SANDUSKY CO | | • | |
| | SCIOTO CO | | | |
| | SENECA CO | | • | |
| | SHELBY CO | | • | |
| | STARK CO | 7.3 | 323 * | 84 |
| | SUMMIT CO | 9.5 * | 284 * | 59 |
| | TRUMBULL CO | | | 62 |
| | TUSCARAWAS CO | | • | |
| | UNION CO | | • | |
| | VAN WERT CO | | | |
| | VINTON CO | | | 18 |
| | WARREN CO | | 294 * | 37 |
| | WASHINGTON CO | | | 27 |
| | WAYNE CO | | • | |
| | WILLIAMS CO | | | |
| | WOOD CO | | • | 30 |
| | WYANDOT CO | | | |
| Oklahoma | ADAIR CO | | | |
| | ALFALFA CO | | | |
| | ATOKA CO | | | |
| | BEAVER CO | | | |
| | BECKHAM CO | | | |
| | BLAINE CO | | | |
| | BRYAN CO | | | |
| | CADDO CO | | | |
| | CANADIAN CO | | | |
| | CARTER CO | | | |
| | CHEROKEE CO | | | 6 |
| | CHOCTAW CO | | | |
| | CIMARRON CO | | | |
| | CLEVELAND CO | | 1011 * | |
| | COAL CO | | | |
| | COMANCHE CO | | | 7 |
| | COTTON CO | | | |
| | CRAIG CO | | | |
| | CREEK CO | | | |
| | CUSTER CO | | | |
| | DELAWARE CO | | | |
| | DEWEY CO | | | |
| | ELLIS CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (μg/m³) | Arithmetic mean $NO_x$ conc.[3] (μg/m³) |
|---|---|---|---|---|
| Oklahoma | GARFIELD CO | | | |
| | GARVIN CO | | | |
| | GRADY CO | | | |
| | GRANT CO | | | |
| | GREER CO | | | |
| | HARMON CO | | | |
| | HARPER CO | | | |
| | HASKELL CO | | | |
| | HUGHES CO | | | |
| | JACKSON CO | | | |
| | JEFFERSON CO | | | |
| | JOHNSTON CO | | | |
| | KAY CO | | | |
| | KINGFISHER CO | | | |
| | KIOWA CO | | | |
| | LATIMER CO | | | |
| | LE FLORE CO | | | |
| | LINCOLN CO | | | |
| | LOGAN CO | | | |
| | LOVE CO | | | |
| | MC CLAIN CO | | | |
| | MC CURTAIN CO | | | |
| | MC INTOSH CO | | | |
| | MAJOR CO | | | |
| | MARSHALL CO | | | |
| | MAYES CO | | | 41 |
| | MURRAY CO | | | |
| | MUSKOGEE CO | | | 27 |
| | NOBLE CO | | | |
| | NOWATA CO | | | |
| | OKFUSKEE CO | | | |
| | OKLAHOMA CO | 12.8 | 213* | 53 |
| | OKMULGEE CO | | | |
| | OSAGE CO | | | |
| | OTTAWA CO | | | |
| | PAWNEE CO | | | |
| | PAYNE CO | | | |
| | PITTSBURG CO | | | |
| | PONTOTOC CO | | | |
| | POTTAWATOMIF CO | | | |
| | PUSHMATAHA CO | | | |
| | ROGER MILLS CO | | | |
| | ROGERS CO | | | 19 |
| | SEMINOLE CO | | | 11 |
| | SEQUOYAH CO | | | |
| | STEPHENS CO | | | |
| | TEXAS CO | | | |
| | TILLMAN CO | | | |
| | TULSA CO | 12.7* | 325* | 119 |
| | WAGONER CO | | | 12 |
| | WASHINGTON CO | | | 14 |
| | WASHITA CO | | | |
| | WOODS CO | | | |
| | WOODWARD CO | | | |
| Oregon | BAKER CO | | | |
| | BENTON CO | | | |
| | CLACKAMAS CO | * | 302* | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (µg/m³) | Arithmetic mean $NO_x$ conc.[3] (µg/m³) |
|---|---|---|---|---|
| Oregon | CLATSOP CO | | | |
| | COLUMBIA CO | | | |
| | COOS CO | | | |
| | CROOK CO | | | |
| | CURRY CO | | | |
| | DESCHUTES CO | | | |
| | DOUGLAS CO | | | |
| | GILLIAM CO | | | |
| | GRANT CO | | | |
| | HARNEY CO | | | |
| | HOOD RIVER CO | | | |
| | JACKSON CO | * | * | |
| | JEFFERSON CO | | | |
| | JOSEPHINE CO | | | |
| | KLAMATH CO | | | |
| | LAKE CO | | | |
| | LANE CO | 11.5 * | 226 * | |
| | LINCOLN CO | | | |
| | LINN CO | | | |
| | MALHEUR CO | | | |
| | MARION CO | 11.6 * | 318 * | |
| | MORROW CO | | | |
| | MULTNOMAH CO | 17.4 * | 165 * | 71 |
| | POLK CO | | | |
| | SHERMAN CO | | | |
| | TILLAMOOK CO | | | |
| | UMATILLA CO | | | |
| | UNION CO | | | |
| | WALLOWA CO | | | |
| | WASCO CO | | | |
| | WASHINGTON CO | * | * | |
| | WHEELER CO | | | |
| | YAMHILL CO | | | |
| Penn. | ADAMS CO | | * | |
| | ALLEGHENY CO | 16.7 * | * | |
| | ARMSTRONG CO | | * | |
| | BEAVER CO | | * | |
| | BEDFORD CO | | * | |
| | BERKS CO | | * | |
| | BLAIR CO | | * | |
| | BRADFORD CO | | * | |
| | BUCKS CO | | * | |
| | BUTLER CO | | * | |
| | CAMBRIA CO | | * | |
| | CAMERON CO | | * | |
| | CARBON CO | | | |
| | CENTRE CO | | * | |
| | CHESTER CO | | * | |
| | CLARION CO | | * | |
| | CLEARFIELD CO | | * | |
| | CLINTON CO | | * | |
| | COLUMBIA CO | | * | |
| | CRAWFORD CO | | * | |
| | CUMBERLAND CO | | * | |
| | DAUPHIN CO | | * | |
| | DELAWARE CO | | * | |
| | ELK CO | | * | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (μg/m³) | Arithmetic mean $NO_x$ conc.[3] (μg/m³) |
|---|---|---|---|---|
| Penn. | ERIE CO | | * | |
| | FAYETTE CO | | * | |
| | FOREST CO | | * | |
| | FRANKLIN CO | | * | |
| | FULTON CO | | * | |
| | GREENE CO | | * | |
| | HUNTINGDON CO | | * | |
| | INDIANA CO | | * | |
| | JEFFERSON CO | | * | |
| | JUNIATA CO | | * | |
| | LACKAWANNA CO | | * | |
| | LANCASTER CO | | * | |
| | LAWRENCE CO | | * | |
| | LEBANON CO | | * | |
| | LEHIGH CO | | * | |
| | LUZERNE CO | | * | |
| | LYCOMING CO | | * | |
| | MC KEAN CO | | * | |
| | MERCER CO | | * | |
| | MIFFLIN CO | | * | |
| | MONROE CO | | * | |
| | MONTGOMERY CO | | * | |
| | MONTOUR CO | | * | |
| | NORTHAMPTON CO | | * | |
| | NORTHUMBERLAND CO | | * | |
| | PERRY CO | | * | |
| | PHILADELPHIA CO | 14.4 * | 372* | 99 |
| | PIKE CO | | * | |
| | POTTER CO | | * | |
| | SCHUYLKILL CO | | * | |
| | SNYDER CO | | * | |
| | SOMERSET CO | | * | |
| | SULLIVAN CO | | * | |
| | SUSQUEHANNA CO | | * | |
| | TIOGA CO | | * | |
| | UNION CO | | * | |
| | VENANGO CO | | * | |
| | WARREN CO | | * | |
| | WASHINGTON CO | | | |
| | WAYNE CO | | * | |
| | WESTMORELAND CO | | * | |
| | WYOMING CO | | * | |
| | YORK CO | | * | |
| Rhode Isl. | BRISTOL CO | | | |
| | KENT CO | | 372* | |
| | NEWPORT CO | | * | |
| | PROVIDENCE CO | 14.3 * | 382* | 80 |
| | WASHINGTON CO | | * | 15 |
| S. Carolin | ABBEVILLE CO | | | |
| | AIKEN CO | | | 40 |
| | ALLENDALE CO | | | |
| | ANDERSON CO | | | 38 |
| | BAMBERG CO | | | |
| | BARNWELL CO | | | |
| | BEAUFORT CO | | | 17 |
| | BERKELEY CO | | * | 26 |
| | CALHOUN CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (µg/m³) | Arithmetic mean $NO_x$ conc.[3] (µg/m³) |
|---|---|---|---|---|
| S. Carolina | CHARLESTON CO | 7.6 | * | 38 |
| | CHEROKEE CO | | | |
| | CHESTER CO | | | |
| | CHESTERFIELD CO | | | |
| | CLARENDON CO | | | |
| | COLLETON CO | | | |
| | DARLINGTON CO | | | |
| | DILLON CO | | | |
| | DORCHESTER CO | | | |
| | EDGEFIELD CO | | | |
| | FAIRFIELD CO | | | |
| | FLORENCE CO | | | 38 |
| | GEORGETOWN CO | | | 31 |
| | GREENVILLE CO | | | 44 |
| | GREENWOOD CO | | | 27 |
| | HAMPTON CO | | | |
| | HORRY CO | | | 28 |
| | JASPER CO | | | 27 |
| | KERSHAW CO | | | 32 |
| | LANCASTER CO | | | 36 |
| | LAURENS CO | | | 40 |
| | LEE CO | | | |
| | LEXINGTON CO | | * | 44 |
| | MC CORMICK CO | | | |
| | MARION CO | | | |
| | MARLBORO CO | | | |
| | NEWBERRY CO | | | 30 |
| | OCONEE CO | | | |
| | ORANGEBURG CO | | | 33 |
| | PICKENS CO | | | 45 |
| | RICHLAND CO | 10.8 * | 305 * | 63 |
| | SALUDA CO | | | |
| | SPARTANBURG CO | | | 39 |
| | SUMTER CO | | | 37 |
| | UNION CO | | | |
| | WILLIAMSBURG CO | | | |
| | YORK CO | 13.8 * | 300 * | 53 |
| S. Dakota | AURORA CO | | | |
| | BEADLE CO | | | |
| | BENNETT CO | | | |
| | BON HOMME CO | | | |
| | BROOKINGS CO | | | |
| | BROWN CO | | | |
| | BRULE CO | | | |
| | BUFFALO CO | | | |
| | BUTTE CO | | | |
| | CAMPBELL CO | | | |
| | CHARLES MIX CO | | | |
| | CLARK CO | | | |
| | CLAY CO | | | |
| | CODINGTON CO | | | |
| | CORSON CO | | | |
| | CUSTER CO | | | 3 |
| | DAVISON CO | | | |
| | DAY CO | | | |
| | DEUEL CO | | | |
| | DEWEY CO | | | |

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.$^2$ (µg/m$^3$) | Arithmetic mean $NO_x$ conc.$^3$ (µg/m$^3$) |
|---|---|---|---|---|
| S. Dakota | DOUGLAS CO | | | |
| | EDMUNDS CO | | | |
| | FALL RIVER CO | | | |
| | FAULK CO | | | |
| | GRANT CO | | | |
| | GREGORY CO | | | |
| | HAAKON CO | | | |
| | HAMLIN CO | | | |
| | HAND CO | | | |
| | HANSON CO | | | |
| | HARDING CO | | | 13 |
| | HUGHES CO | | | 17 |
| | HUTCHINSON CO | | | |
| | HYDE CO | | | |
| | JACKSON CO | | | |
| | JERAULD CO | | | |
| | JONES CO | | | |
| | KINGSBURY CO | | | |
| | LAKE CO | | | |
| | LAWRENCE CO | | | |
| | LINCOLN CO | | | |
| | LYMAN CO | | | |
| | MC COOK CO | | | |
| | MC PHERSON CO | | | |
| | MARSHALL CO | | | |
| | MEADE CO | | | |
| | MELLETTE CO | | | |
| | MINER CO | | | |
| | MINNEHAHA CO | | | 27 |
| | MOODY CO | | | |
| | PENNINGTON CO | | | 39 |
| | PERKINS CO | | | |
| | POTTER CO | | | |
| | ROBERTS CO | | | |
| | SANBORN CO | | | |
| | SHANNON CO | | | |
| | SPINK CO | | | |
| | STANLEY CO | | | |
| | SULLY CO | | | |
| | TODD CO | | | |
| | TRIPP CO | | | |
| | TURNER CO | | | |
| | UNION CO | | | |
| | WALWORTH CO | | | |
| | WASHABAUGH CO | | | |
| | YANKTON CO | | | |
| | ZIEBACH CO | | | |
| Tennessee | ANDERSON CO | | | 31 |
| | BEDFORD CO | | | |
| | BENTON CO | | | 21 |
| | BLEDSOE CO | | | |
| | BLOUNT CO | | | |
| | BRADLEY CO | | | |
| | CAMPBELL CO | | | |
| | CANNON CO | | | |
| | CARROLL CO | | | |
| | CARTER CO | | | |

| State | County | 2nd max 8-hr CO conc.$^1$ (mg/m$^3$) | 2nd max 1-hr O$_3$ conc.$^2$ (µg/m$^3$) | Arithmetic mean NO$_x$ conc.$^3$ (µg/m$^3$) |
|---|---|---|---|---|
| Tennessee | CHEATHAM CO | | | |
| | CHESTER CO | | | |
| | CLAIBORNE CO | | | |
| | CLAY CO | | | |
| | COCKE CO | | | |
| | COFFEE CO | | | 22 |
| | CROCKETT CO | | | |
| | CUMBERLAND CO | | | |
| | DAVIDSON CO | 17.0 * | 333 * | 77 |
| | DECATUR CO | | | |
| | DE KALB CO | | | |
| | DICKSON CO | | | |
| | DYER CO | | | |
| | FAYETTE CO | | | |
| | FENTRESS CO | | | |
| | FRANKLIN CO | | | |
| | GIBSON CO | | | |
| | GILES CO | | | |
| | GRAINGER CO | | | |
| | GREENE CO | | | |
| | GRUNDY CO | | | |
| | HAMBLEN CO | | | 28 |
| | HAMILTON CO | 7.5 | 212 * | 55 |
| | HANCOCK CO | | | |
| | HARDEMAN CO | | | |
| | HARDIN CO | | | |
| | HAWKINS CO | | | |
| | HAYWOOD CO | | | |
| | HENDERSON CO | | | |
| | HENRY CO | | | |
| | HICKMAN CO | | | |
| | HOUSTON CO | | | |
| | HUMPHREYS CO | | 167 | 17 |
| | JACKSON CO | | | |
| | JEFFERSON CO | | | |
| | JOHNSON CO | | | |
| | KNOX CO | 13.8 * | 369 * | 73 |
| | LAKE CO | | | |
| | LAUDERDALE CO | | | |
| | LAWRENCE CO | | | |
| | LEWIS CO | | | |
| | LINCOLN CO | | | |
| | LOUDON CO | | | |
| | MC MINN CO | | | |
| | MC NAIRY CO | | | |
| | MACON CO | | | |
| | MADISON CO | | | |
| | MARION CO | | | 21 |
| | MARSHALL CO | | | |
| | MAURY CO | | 308 * | 39 |
| | MEIGS CO | | | |
| | MONROE CO | | | |
| | MONTGOMERY CO | | | |
| | MOORE CO | | | |
| | MORGAN CO | | | |
| | OBION CO | | | |
| | OVERTON CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (μg/m³) | Arithmetic mean $NO_x$ conc.[3] (μg/m³) |
|---|---|---|---|---|
| Tennessee | PERRY CO | | | |
| | PICKETT CO | | | |
| | POLK CO | | | |
| | PUTNAM CO | | | |
| | RHEA CO | | | |
| | ROANE CO | | * | 36 |
| | ROBERTSON CO | | | |
| | RUTHERFORD CO | | * | |
| | SCOTT CO | | | |
| | SEQUATCHIE CO | | | |
| | SEVIER CO | | | |
| | SHELBY CO | 14.0 * | 265* | 98 |
| | SMITH CO | | | |
| | STEWART CO | | | |
| | SULLIVAN CO | | 372* | 43 |
| | SUMNER CO | | 318* | 33 |
| | TIPTON CO | | | |
| | TROUSDALE CO | | | |
| | UNICOI CO | | | |
| | UNION CO | | | |
| | VAN BUREN CO | | | |
| | WARREN CO | | | |
| | WASHINGTON CO | | | 37 |
| | WAYNE CO | | | |
| | WEAKLEY CO | | | |
| | WHITE CO | | | |
| | WILLIAMSON CO | | * | |
| | WILSON CO | | * | |
| Texas | ANDERSON CO | | | |
| | ANDREWS CO | | | |
| | ANGELINA CO | | | |
| | ARANSAS CO | | | |
| | ARCHER CO | | | |
| | ARMSTRONG CO | | | |
| | ATASCOSA CO | | | |
| | AUSTIN CO | | | |
| | BAILEY CO | | | |
| | BANDERA CO | | | |
| | BASTROP CO | | | |
| | BAYLOR CO | | | |
| | BEE CO | | | |
| | BELL CO | | | |
| | BEXAR CO | 10.1 | 276* | 46 |
| | BLANCO CO | | | |
| | BORDEN CO | | | |
| | BOSQUE CO | | | |
| | BOWIE CO | | | 8 |
| | BRAZORIA CO | 3.2 | 345* | 36 |
| | BRAZOS CO | | | 25 |
| | BREWSTER CO | | | |
| | BRISCOE CO | | | |
| | BROOKS CO | | | |
| | BROWN CO | | | 31 |
| | BURLESON CO | | | |
| | BURNET CO | | | |
| | CALDWELL CO | | | |
| | CALHOUN CO | | | 24 |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr O$_3$ conc.[2] (μg/m$^3$) | Arithmetic mean NO$_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Texas | CALLAHAN CO | | | |
| | CAMERON CO | | | 26 |
| | CAMP CO | | | |
| | CARSON CO | | | |
| | CASS CO | | | |
| | CASTRO CO | | | |
| | CHAMBERS CO | | | |
| | CHEROKEE CO | | | |
| | CHILDRESS CO | | | |
| | CLAY CO | | | |
| | COCHRAN CO | | | |
| | COKE CO | | | |
| | COLEMAN CO | | | |
| | COLLIN CO | | | |
| | COLLINGSWORTH CO | | | |
| | COLORADO CO | | | |
| | COMAL CO | | | |
| | COMANCHE CO | | | |
| | CONCHO CO | | | |
| | COOKE CO | | | |
| | CORYELL CO | | | |
| | COTTLE CO | | | |
| | CRANE CO | | | |
| | CROCKETT CO | | | |
| | CROSBY CO | | | |
| | CULBERSON CO | | | |
| | DALLAM CO | | | |
| | DALLAS CO | 7.4 | 378 * | 71 |
| | DAWSON CO | | | |
| | DEAF SMITH CO | | | |
| | DELTA CO | | | |
| | DENTON CO | | | |
| | DE WITT CO | | | |
| | DICKENS CO | | | |
| | DIMMIT CO | | | |
| | DONLEY CO | | | |
| | DUVAL CO | | | |
| | EASTLAND CO | | | |
| | ECTOR CO | 3.2 | 276 * | 33 |
| | EDWARDS CO | | | |
| | ELLIS CO | | | 17 |
| | EL PASO CO | 10.0* | 274 * | 59 |
| | ERATH CO | | | |
| | FALLS CO | | | |
| | FANNIN CO | | | |
| | FAYETTE CO | | | |
| | FISHER CO | | | |
| | FLOYD CO | | | |
| | FOARD CO | | | |
| | FORT BEND CO | | | |
| | FRANKLIN CO | | | |
| | FREESTONE CO | | | |
| | FRIO CO | | | |
| | GAINES CO | | | |
| | GALVESTON CO | 2.7 | 433 * | 48 |
| | GARZA CO | | | |
| | GILLESPIE CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (µg/m³) | Arithmetic mean $NO_x$ conc.[3] (µg/m³) |
|---|---|---|---|---|
| Texas | GLASSCOCK CO | | | |
| | GOLIAD CO | | | |
| | GONZALES CO | | | |
| | GRAY CO | | | |
| | GRAYSON CO | | | |
| | GREGG CO | | 316* | 35 |
| | GRIMES CO | | | |
| | GUADALUPE CO | | | |
| | HALE CO | | | 32 |
| | HALL CO | | | |
| | HAMILTON CO | | | |
| | HANSFORD CO | | | |
| | HARDEMAN CO | | | |
| | HARDIN CO | | | |
| | HARRIS CO | 8.4 | 512* | 87 |
| | HARRISON CO | | | |
| | HARTLEY CO | | | |
| | HASKELL CO | | | |
| | HAYS CO | | | 37 |
| | HEMPHILL CO | | | |
| | HENDERSON CO | | | |
| | HIDALGO CO | | | 12 |
| | HILL CO | | | |
| | HOCKLEY CO | | | |
| | HOOD CO | | | |
| | HOPKINS CO | | | |
| | HOUSTON CO | | | |
| | HOWARD CO | | | 24 |
| | HUDSPETH CO | | | |
| | HUNT CO | | | |
| | HUTCHINSON CO | | | |
| | IRION CO | | | |
| | JACK CO | | | |
| | JACKSON CO | | | |
| | JASPER CO | | | |
| | JEFF DAVIS CO | | | |
| | JEFFERSON CO | 1.6 | 378 * | 66 |
| | JIM HOGG CO | | | |
| | JIM WELLS CO | | | |
| | JOHNSON CO | | | |
| | JONES CO | | | |
| | KARNES CO | | | |
| | KAUFMAN CO | | | |
| | KENDALL CO | | | |
| | KENEDY CO | | | |
| | KENT CO | | | |
| | KERR CO | | | |
| | KIMBLE CO | | | |
| | KING CO | | | |
| | KINNEY CO | | | |
| | KLEBERG CO | | | |
| | KNOX CO | | | |
| | LAMAR CO | | | |
| | LAMB CO | | | |
| | LAMPASAS CO | | | |
| | LA SALLE CO | | | |
| | LAVACA CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr O$_3$ conc.[2] (μg/m$^3$) | Arithmetic mean NO$_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Texas | LEE CO | | | |
| | LEON CO | | | |
| | LIBERTY CO | | | |
| | LIMESTONE CO | | | |
| | LIPSCOMB CO | | | |
| | LIVE OAK CO | | | |
| | LLANO CO | | | |
| | LOVING CO | | | |
| | LUBBOCK CO | | | 24 |
| | LYNN CO | | | |
| | MC CULLOCH CO | | | |
| | MC LENNAN CO | | | 28 |
| | MC MULLEN CO | | | 12 |
| | MADISON CO | | | |
| | MARION CO | | | |
| | MARTIN CO | | | |
| | MASON CO | | | |
| | MATAGORDA CO | | | 9 |
| | MAVERICK CO | | | |
| | MEDINA CO | | | |
| | MENARD CO | | | |
| | MIDLAND CO | | | 22 |
| | MILAM CO | | | |
| | MILLS CO | | | |
| | MITCHELL CO | | | |
| | MONTAGUE CO | | | |
| | MONTGOMERY CO | | | |
| | MOORE CO | | | |
| | MORRIS CO | | | |
| | MOTLEY CO | | | |
| | NACOGDOCHES CO | | | |
| | NAVARRO CO | | | |
| | NEWTON CO | | | |
| | NOLAN CO | | | |
| | NUECES CO | 4.1 | 282 * | 32 |
| | OCHILTREE CO | | | |
| | OLDHAM CO | | | |
| | ORANGE CO | 3.2 | 314 * | 26 |
| | PALO PINTO CO | | | |
| | PANOLA CO | | | |
| | PARKER CO | | | |
| | PARMER CO | | | |
| | PECOS CO | | | |
| | POLK CO | | | |
| | POTTER CO | | | 20 |
| | PRESIDIO CO | | | |
| | RAINS CO | | | |
| | RANDALL CO | | | |
| | REAGAN CO | | | |
| | REAL CO | | | |
| | RED RIVER CO | | | |
| | REEVES CO | | | |
| | REFUGIO CO | | | |
| | ROBERTS CO | | | |
| | ROBERTSON CO | | | |
| | ROCKWALL CO | | | |
| | RUNNELS CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (µg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (µg/m$^3$) |
|---|---|---|---|---|
| Texas | RUSK CO | | | |
| | SABINE CO | | | |
| | SAN AUGUSTINE CO | | | |
| | SAN JACINTO CO | | | |
| | SAN PATRICIO CO | | | 17 |
| | SAN SABA CO | | | |
| | SCHLEICHER CO | | | |
| | SCURRY CO | | | 16 |
| | SHACKELFORD CO | | | |
| | SHELBY CO | | | |
| | SHERMAN CO | | | |
| | SMITH CO | | | 37 |
| | SOMERVELL CO | | | |
| | STARR CO | | | |
| | STEPHENS CO | | | |
| | STERLING CO | | | |
| | STONEWALL CO | | | |
| | SUTTON CO | | | |
| | SWISHER CO | | | |
| | TARRANT CO | 6.8 | 329 * | 69 |
| | TAYLOR CO | | | 28 |
| | TERRELL CO | | | |
| | TERRY CO | | | |
| | THROCKMORTON CO | | | |
| | TITUS CO | | | 26 |
| | TOM GREEN CO | | | 14 |
| | TRAVIS CO | | 225 * | 57 |
| | TRINITY CO | | | |
| | TYLER CO | | | |
| | UPSHUR CO | | | |
| | UPTON CO | | | |
| | UVALDE CO | | | |
| | VAL VERDE CO | | | |
| | VAN ZANDT CO | | | |
| | VICTORIA CO | | 296 * | 10 |
| | WALKER CO | | | 33 |
| | WALLER CO | | | |
| | WARD CO | | | |
| | WASHINGTON CO | | | |
| | WEBB CO | | | |
| | WHARTON CO | | | |
| | WHEELER CO | | | |
| | WICHITA CO | | | 37 |
| | WILBARGER CO | | | |
| | WILLACY CO | | | |
| | WILLIAMSON CO | | | |
| | WILSON CO | | | |
| | WINKLER CO | | | |
| | WISE CO | | | |
| | WOOD CO | | | |
| | YOAKUM CO | | | |
| | YOUNG CO | | | |
| | ZAPATA CO | | | |
| | ZAVALA CO | | | |
| Utah | BEAVER CO | | | |
| | BOX ELDER CO | | | |
| | CACHE CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/$m^3$) | 2nd max 1-hr $O_3$ conc.[2] (μg/$m^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/$m^3$) |
|---|---|---|---|---|
| Utah | CARBON CO | | | 13 |
| | DAGGETT CO | | | |
| | DAVIS CO | 11.5* | 263 * | 44 |
| | DUCHESNE CO | | | |
| | EMERY CO | | | 9 |
| | GARFIELD CO | | | |
| | GRAND CO | | | |
| | IRON CO | | | |
| | JUAB CO | | | |
| | KANE CO | | | 6 |
| | MILLARD CO | | | |
| | MORGAN CO | | | |
| | PIUTE CO | | | |
| | RICH CO | | | |
| | SALT LAKE CO | 17.1* | 225* | 77 |
| | SAN JUAN CO | | | |
| | SANPETE CO | | | |
| | SEVIER CO | | | |
| | SUMMIT CO | | | |
| | TOOELE CO | | | |
| | UINTAH CO | | | |
| | UTAH CO | 15.8* | 153* | 47 |
| | WASATCH CO | | | |
| | WASHINGTON CO | | | 6 |
| | WAYNE CO | | | |
| | WEBER CO | 17.7* | 216* | 54 |
| Vermont | ADDISON CO | | * | |
| | BENNINGTON CO | | * | |
| | CALEDONIA CO | | * | |
| | CHITTENDEN CO | 7.3* | 222* | |
| | ESSEX CO | | | |
| | FRANKLIN CO | | * | |
| | GRAND ISLE CO | | * | |
| | LAMOILLE CO | | * | |
| | ORANGE CO | | * | |
| | ORLEANS CO | | * | |
| | RUTLAND CO | 5.0 | * | |
| | WASHINGTON CO | | * | |
| | WINDHAM CO | | * | |
| | WINDSOR CO | | 251* | |
| Virginia | ACCOMACK CO | | * | |
| | ALBEMARLE CO | | | |
| | ALEXANDRIA | | | |
| | ALLEGHANY CO | | | |
| | AMELIA CO | | | |
| | AMHERST CO | | | |
| | APPOMATTOX CO | | | |
| | ARLINGTON CO | 12.0* | 245* | |
| | AUGUSTA CO | | | |
| | BATH CO | | | |
| | BEDFORD CO | | | |
| | BEDFORD | | | |
| | BLAND CO | | | |
| | BOTETOURT CO | | | |
| | BRISTOL | | | |
| | BRUNSWICK CO | | | |
| | BUCHANAN CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (μg/m³) | Arithmetic mean $NO_x$ conc.[3] (μg/m³) |
|---|---|---|---|---|
| Virginia | BUCKINGHAM CO | | | |
| | BUENA VISTA | | | |
| | CAMPBELL CO | | | |
| | CAROLINE CO | | | |
| | CARROLL CO | | | |
| | CHARLES CITY CO | | | |
| | CHARLOTTE CO | | | |
| | CHARLOTTESVILLE | | | |
| | CHESAPEAKE | | | |
| | CHESTERFIELD CO | | * | |
| | CLARKE CO | | | |
| | CLIFTON FORGE | | | |
| | COLONIAL HEIGHTS | | | |
| | COVINGTON | | | |
| | CRAIG CO | | | |
| | CULPEPER CO | | | |
| | CUMBERLAND CO | | | |
| | DANVILLE | | | |
| | DICKENSON CO | | | |
| | DINWIDDIE CO | | | |
| | EMPORIA | | | |
| | ESSEX CO | | | |
| | FAIRFAX | 10.9 * | 265 * | 57 |
| | FAIRFAX CO | | | |
| | FAUQUIER CO | | | |
| | FALLS CHURCH | | | |
| | FLOYD CO | | | |
| | FLUVANNA CO | | | |
| | FRANKLIN | | | |
| | FRANKLIN CO | | | |
| | FREDERICK CO | | | |
| | FREDERICKSBURG | | | |
| | GALAX | | | |
| | GILES CO | | | |
| | GLOUCESTER CO | | | |
| | GOOCHLAND CO | | | |
| | GRAYSON CO | | | |
| | GREENE CO | | | |
| | GREENSVILLE CO | | | |
| | HALIFAX CO | | | |
| | HAMPTON | | * | |
| | HANOVER CO | | | |
| | HARRISONBURG | | | |
| | HENRICO CO | | 382 * | |
| | HENRY CO | | | |
| | HIGHLAND CO | | | |
| | HOPEWELL | | | |
| | ISLE OF WIGHT CO | | | |
| | JAMES CITY CO | | | |
| | KING AND QUEEN CO | | | |
| | KING GEORGE CO | | | |
| | KING WILLIAM CO | | | |
| | LANCASTER CO | | | |
| | LEE CO | | | |
| | LEXINGTON | | | |
| | LOUDOUN CO | | * | |
| | LOUISA CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (μg/m³) | Arithmetic mean $NO_x$ conc.[3] (μg/m³) |
|---|---|---|---|---|
| Virginia | LUNENBERG CO | | | |
| | LYNCHBURG | | | |
| | MADISON CO | | | |
| | MARTINSVILLE | | | |
| | MATHEWS CO | | | |
| | MECKLENBURG CO | | | |
| | MIDDLESEX CO | | | |
| | MONTGOMERY CO | | | |
| | NANSEMOND CO | | | |
| | NELSON CO | | | |
| | NEW KENT CO | | | |
| | NEWPORT NEWS | | * | |
| | NORFOLK | | * | |
| | NORTHAMPTON CO | | | |
| | NORTHUMBERLAND CO | | | |
| | NORTON | | | |
| | NOTTOWAY CO | | | |
| | ORANGE CO | | | |
| | PAGE CO | | | |
| | PATRICK CO | | | |
| | PETERSBURG | | | |
| | PITTSYLVANIA CO | | | |
| | PORTSMOUTH | | | |
| | POWHATAN CO | | | |
| | PRINCE EDWARD CO | | | |
| | PRINCE GEORGE CO | | | |
| | PRINCE WILLIAM CO | | * | |
| | PULASKI CO | | | |
| | RADFORD | | | |
| | RAPPAHANNOCK CO | | | |
| | RICHMOND | 7.7 | 441 | 72 |
| | RICHMOND CO | 10.3 | 274 | 48 |
| | ROANOKE | | | |
| | ROANOKE CO | | * | |
| | ROCKBRIDGE CO | | | |
| | ROCKINGHAM CO | | | |
| | RUSSELL CO | | | |
| | SALEM | | | |
| | SCOTT CO | | | |
| | SHENANDOAH CO | | | |
| | SMYTH CO | | 235 * | |
| | SOUTH BOSTON | | | |
| | SOUTHAMPTON CO | | | |
| | SPOTSYLVANIA CO | | | |
| | STAFFORD CO | | * | |
| | STAUNTON | | | |
| | SUFFOLK | | | |
| | SURRY CO | | | |
| | SUSSEX CO | | | |
| | TAZEWELL CO | | | |
| | VIRGINIA BEACH | | | |
| | WARREN CO | | | |
| | WASHINGTON CO | | | |
| | WAYNESBORO | | | |
| | WESTMORELAND CO | | | |
| | WILLIAMSBURG | | | |
| | WINCHESTER | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m$^3$) | 2nd max 1-hr $O_3$ conc.[2] (µg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (µg/m$^3$) |
|---|---|---|---|---|
| Virginia | WISE CO | | | |
| | WYTHE CO | | | |
| | YORK CO | | | |
| Washington | ADAMS CO | | | |
| | ASOTIN CO | | | |
| | BENTON CO | | | |
| | CHELAN CO | | | |
| | CLALLAM CO | | | |
| | CLARK CO | 8.5 | 216* | |
| | COLUMBIA CO | | | |
| | COWLITZ CO | | | |
| | DOUGLAS CO | | | |
| | FERRY CO | | | |
| | FRANKLIN CO | | | |
| | GARFIELD CO | | | |
| | GRANT CO | | | |
| | GRAYS HARBOR CO | | | |
| | ISLAND CO | | | |
| | JEFFERSON CO | | | |
| | KING CO | 17.4 * | 314* | 75 |
| | KITSAP CO | | | |
| | KITTITAS CO | | | |
| | KLICKITAT CO | | | |
| | LEWIS CO | | | |
| | LINCOLN CO | | | |
| | MASON CO | | | |
| | OKANOGAN CO | | | |
| | PACIFIC CO | | | |
| | PEND OREILLE CO | | | |
| | PIERCE CO | 10.8 * | 196* | 49 |
| | SAN JUAN CO | | | |
| | SKAGIT CO | | | |
| | SKAMANIA CO | | | |
| | SNOHOMISH CO | | * | |
| | SPOKANE CO | 19.6 * | 137 | 44 |
| | STEVENS CO | | | |
| | THURSTON CO | | | |
| | WAHKIAKUM CO | | | |
| | WALLA WALLA CO | | | |
| | WHATCOM CO | | | |
| | WHITMAN CO | | | |
| | YAKIMA CO | * | | |
| West Vir. | BARBOUR CO | | | |
| | BERKELEY CO | | | |
| | BOONE CO | | | |
| | BRAXTON CO | | | |
| | BROOKE CO | | | |
| | CABELL CO | | | |
| | CALHOUN CO | | | |
| | CLAY CO | | | |
| | DODDRIDGE CO | | | |
| | FAYETTE CO | | | |
| | GILMER CO | | | |
| | GRANT CO | | | |
| | GREENBRIER CO | | | |
| | HAMPSHIRE CO | | | |
| | HANCOCK CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/$m^3$) | 2nd max 1-hr $O_3$ conc.[2] (µg/$m^3$) | Arithmetic mean $NO_x$ conc.[3] (µg/$m^3$) |
|---|---|---|---|---|
| W. Virgini | HARDY CO | | | |
| | HARRISON CO | | | |
| | JACKSON CO | | | |
| | JEFFERSON CO | | | |
| | KANAWHA CO | 5.9 | 237 * | |
| | LEWIS CO | | | |
| | LINCOLN CO | | | |
| | LOGAN CO | | | |
| | MC DOWELL CO | | | |
| | MARION CO | | | |
| | MARSHALL CO | | | |
| | MASON CO | | | |
| | MERCER CO | | | |
| | MINERAL CO | | | |
| | MINGO CO | | | |
| | MONONGALIA CO | | | |
| | MONROE CO | | | |
| | MORGAN CO | | | |
| | NICHOLAS CO | | | |
| | OHIO CO | | | |
| | PENDLETON CO | | | |
| | PLEASANTS CO | | | |
| | POCAHONTAS CO | | | |
| | PRESTON CO | | | |
| | PUTNAM CO | | * | |
| | RALEIGH CO | | | |
| | RANDOLPH CO | | | |
| | RITCHIE CO | | | |
| | ROANE CO | | | |
| | SUMMERS CO | | | |
| | TAYLOR CO | | | |
| | TUCKER CO | | | |
| | TYLER CO | | | |
| | UPSHUR CO | | | |
| | WAYNE CO | | | |
| | WEBSTER CO | | | |
| | WETZEL CO | | | |
| | WIRT CO | | | |
| | WOOD CO | | | |
| | WYOMING CO | | | |
| Wisconsin | ADAMS CO | | | |
| | ASHLAND CO | | | |
| | BARRON CO | | | |
| | BAYFIELD CO | | | |
| | BROWN CO | | * | |
| | BUFFALO CO | | | |
| | BURNETT CO | | | |
| | CALUMET CO | | | |
| | CHIPPEWA CO | | | |
| | CLARK CO | | | |
| | COLUMBIA CO | | 257 * | 14 |
| | CRAWFORD CO | | | |
| | DANE CO | 6.4 | 169 * | 45 |
| | DODGE CO | | | |
| | DOOR CO | | | 14 |
| | DOUGLAS CO | | * | |
| | DUNN CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] (mg/m³) | 2nd max 1-hr $O_3$ conc.[2] (µg/m³) | Arithmetic mean $NO_x$ conc.[3] (µg/m³) |
|---|---|---|---|---|
| Wisconsin | EAU CLAIRE CO | | | |
| | FLORENCE CO | | | |
| | FOND DU LAC CO | | | |
| | FOREST CO | | | |
| | GRANT CO | | * | |
| | GREEN CO | | | |
| | GREEN LAKE CO | | | |
| | IOWA CO | | | |
| | IRON CO | | | |
| | JACKSON CO | | | |
| | JEFFERSON CO | | | |
| | JUNEAU CO | | | |
| | KENOSHA CO | | 447 * | 44 |
| | KEWAUNEE CO | | | |
| | LA CROSSE CO | | * | |
| | LAFAYETTE CO | | | |
| | LANGLADE CO | | | |
| | LINCOLN CO | | | 10 |
| | MANITOWOC CO | | | |
| | MARATHON CO | | 353 | 15 |
| | MARINETTE CO | | | |
| | MARQUETTE CO | | | |
| | MENOMONIE CO | | | |
| | MILWAUKEE CO | 16.1 * | 382 * | 79 |
| | MONROE CO | | | |
| | OCONTO CO | | | |
| | ONEIDA CO | | | |
| | OUTAGAMIE CO | | | |
| | OZAUKEE CO | | * | |
| | PEPIN CO | | | |
| | PIERCE CO | | | |
| | POLK CO | | | |
| | PORTAGE CO | | | |
| | PRICE CO | | | |
| | RACINE CO | 7.6 | 337 * | |
| | RICHLAND CO | | | |
| | ROCK CO | | | |
| | RUSK CO | | | |
| | ST CROIX CO | | | |
| | SAUK CO | | | |
| | SAWYER CO | | | |
| | SHAWANO CO | | | |
| | SHEBOYGAN CO | | 463 | 20 |
| | TAYLOR CO | | | |
| | TREMPEALEAU CO | | | |
| | VERNON CO | | | |
| | VILAS CO | | * | |
| | WALWORTH CO | | | |
| | WASHBURN CO | | | |
| | WASHINGTON CO | | | |
| | WAUKESHA CO | 10.4 | 284 * | |
| | WAUPACA CO | | | |
| | WAUSHARA CO | | | |
| | WINNEBAGO CO | | | 24 |
| | WOOD CO | | | |
| Wyoming | ALBANY CO | | | |
| | BIG HORN CO | | | |

| State | County | 2nd max 8-hr CO conc.[1] mg/m$^3$ | 2nd max 1-hr $O_3$ conc.[2] (μg/m$^3$) | Arithmetic mean $NO_x$ conc.[3] (μg/m$^3$) |
|---|---|---|---|---|
| Wyoming | CAMPBELL CO | | | 4 |
| | CARBON CO | | | |
| | CONVERSE CO | | 157 | 6 |
| | CROOK CO | | | |
| | FREMONT CO | | | |
| | GOSHEN CO | | | 6 |
| | HOT SPRINGS CO | | | |
| | JOHNSON CO | | | |
| | LARAMIE CO | | | 26 |
| | LINCOLN CO | | | 3 |
| | NATRONA CO | | | |
| | NIOBRARA CO | | | 17 |
| | PARK CO | | | 3 |
| | PLATTE CO | | | 3 |
| | SHERIDAN CO | | | |
| | SUBLETTE CO | | | |
| | SWEETWATER CO | | 118 | 26 |
| | TETON CO | | | |
| | UINTA CO | | | |
| | WASHAKIE CO | | | |
| | WESTON CO | | | 5 |

[1] NAAQS CO 8-h = 10 mg/m$^3$ not to be exceeded more than once per year.

[2] NAAQS $O_3$ = 235 μg/m$^3$ expected value.

[3] NAAQS $NO_x$ = 100 μg/m$^3$ arithmetic mean.

*Designated as nonattainment as of January 1980.

# APPENDIX E

## KEY ASSUMPTIONS USED IN THE MODIFIED ROLLBACK ANALYSIS

### EMISSION AND AIR QUALITY VALUES

The base-year emission values for the Air Quality Control Regions (AQCR's) selected for analysis were obtained from the 1975 National Emissions Report (EPA-450/2-78-020, May 1978). The design air quality values from the SAROAD system represent the data in Air Quality Data - 1977 Annual Statistics (EPA-450/2-78-040, September 1978).

### SOURCE CATEGORIES

The nonmethane hydrocarbon (NMHC) or VOC, CO, and $NO_x$ emissions from mobile sources are divided into four categories: light-duty vehicles, light-duty trucks, heavy-duty gasoline and heavy-duty diesel. For NMHC the stationary source categories are petroleum refineries; storage, transportation, and marketing of petroleum products; industrial processes; organic solvent evaporation; combustion; and others. For CO, the stationary source categories are point and area. For $NO_x$, they are industrial processes, area, and fuel combustion.

### SOURCE CONTRIBUTION FACTORS

The stationary source contribution factors ($S_i$) account for the relative effect of the emission height or the distance from the source to the receptor on ground-level air quality. An elevated source would be expected to contribute less to ground-level air quality than a ground-level source under most meteorological conditions. Therefore, ground-level sources generally have a contribution factor of 1.0, and elevated sources generally have less than 1.0. The stationary source contribution factors were assumed to be 1.0 for all source categories emitting NMHC and $NO_x$; for CO, they were assumed to be 0.0 for point sources and 0.2 for area sources.

## EMISSION FACTOR RATIOS AND AVERAGE CONTROL LEVELS

The mobile source emission factor ratio (EFR) was obtained for each mobile source category from the Mobile 1 program. The ratio is the emission factor in the base year (1976) divided by the emission factor in each of the projection years, in this case, 1982, 1987, 1990, and 1999.

The stationary source EFR is the ratio of the emission factor of an average source within a source category in some future year to the emission factor of an average source in the same category in the base year. The EFR indicates the amount of control that is assumed for a given source category.

$$\text{EFR} = 1 - \frac{\text{percent control}}{100}.$$

The stationary source EFR's vary from source category to source category, depending on the pollutant and the strategy being evaluated.

## CONTROL STRATEGIES

The first strategy (called FTP) evaluated for each pollutant assumed that there would be no further control of either new or existing stationary sources; that the only reduction in emissions from these pollutants would be from the Federal Motor Vehicle Control Program (FMVCP); and that the EFR for all stationary source categories would be 1.0; thus,

$$\text{EFR} = 1 - \frac{0}{100}.$$

The second strategy (FTP BACT) for each pollutant assumed in addition to the FMVCP that each new source would be required to apply BACT. However, no further control was assumed for existing sources since all evaluated areas were attainment for each pollutant and since no control of existing sources would be required if no problems arose regarding attainment and maintenance of the National Ambient Air Quality Standards (NAAQS's). Therefore, the stationary source EFR for all existing source categories was again assumed to be 1.0.

The stationary source EFR's for new sources were designed to reflect the average level of control represented by BACT. Because the EFR must represent the average level of control for a given source category, the EFR was used to relate the relative contribution of each of the major emission sources within a source category. The following are the average levels of control and the EFR's used for the source categories.

| Pollutant | Source category | Average level of control, % | EFR |
|---|---|---|---|
| NMHC<br>or<br>VOC | Petroleum refining | 85 | 0.15 |
| | Petroleum storage | 80 | 0.20 |
| | Industrial process | 50 | 0.50 |
| | Solvent evaporation | 80 | 0.20 |
| | Combustion | 0 | 1.00 |
| | Other | 0 | 1.00 |
| CO | Point | 50 | 0.50 |
| | Area | 0 | 1.00 |
| $NO_x$ | Industrial process | 50 | 0.50 |
| | Area | 0 | 1.00 |
| | Fuel combustion | 80 | 0.20 |

The percentages of control for NMHC or VOC source categories were obtained from an assessment of the impact of the revised $O_3$ standard using the modified rollback technique. (Costs and Economic Impact Assessment for Alternative Levels of National Ambient Air Quality Standards for Ozone. EPA-450/5-79-002, February 1979). The percentages of control used for CO and $NO_x$ were obtained from data used to establish the priorities for setting the New Source Performance Standards (NSPS's) under the Clean Air Act Amendments of 1977. (Priorities for New Source Performance Standards Under the Clean Air Act Amendments of 1977. EPA-450/3-78-019, April 1978.)

## GROWTH RATES

The growth rate used in the analysis was the percentage of growth per year for each source category. Two sets of growth rates were used for VOC or $O_3$, and one set was used for CO and $NO_x$. For mobile sources the assumed growth rates were 1% for CO, 2% for $NO_x$, and 2 and 3% for VOC for each category.

For stationary sources, the growth rates (especially for NMHC or VOC) varied from source category to source category as well as from pollutant to pollutant, as shown:

| Pollutant | Source category | Growth rate |
|---|---|---|
| NMHC<br>or<br>VOC | Petroleum refining | 2.0, 3.0 |
| | Petroleum storage | 2.0, 3.0 |
| | Industrial process | 3.5, 5.0 |
| | Solvent evaporation | 2.0, 3.0 |
| | Combustion | 0.0, 1.0 |
| | Other | 0.0, 3.0 |
| CO | Point | 3.2 |
| | Area | 3.2 |
| $NO_x$ | Industrial process | 3.0 |
| | Area | 3.0 |
| | Fuel combustion | 3.0 |

## RETIREMENT RATES

Retirement rates are percentages per year of existing stationary sources that are eliminated from a stationary source category by retirement. Only existing sources have retirement rates. Since very little data were available on retirement rates (with the exception of data on NMHC or VOC sources), no retirement rates were used for CO and $NO_x$ sources. Without retirement rates, the older, less well-controlled stationary sources would continue to operate throughout the study period; therefore, the impact of existing stationary sources would be maximized, and the emissions from these sources would represent worst-case situations.

Since retirement data for VOC were available from the above referenced work, on the assessment of the $O_3$ NAAQS, these data were used for the PSD analysis. The retirement rates used are:

| NMHC or VOC source category | Percentage per year |
|---|---|
| Petroleum refining | 4.0 |
| Petroleum storage | 4.0 |
| Industrial process | 2.5 |
| Solvent evaporation | 3.0 |
| Combustion | 2.0 |
| Other | 0 |

## PROJECTION YEARS

The four projection years used in this analysis were 1982, 1987, 1990, and 1999. The first two years (1982 and 1987) were used to permit the results to be compared with the key dates for the attainment of the NAAQS for all three pollutants (CO, $O_3$, and $NO_x$) and for two pollutants (CO and $O_3$) if an extension of the attainment date is approved. The last two years (1990 and 1999) were used to obtain some indication of what the projected air quality might be if no new requirements are imposed for PSD for these pollutants by the end of the current decade and just prior to the turn of the century.

## COMPUTER INPUTS

Tables D-1, D-2, and D-3 present the data used for each of the strategies tested. Tables D-4, D-5, and D-6 present the regional information used in the analysis.

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### TABLE D-1. STRATEGY INPUT FOR NONMETHANE HYDROCARBONS

```
 4: 1 9 7 8       182920302426     NMHC          S=02 P=04 R=18 G=02
 5:FTP      049067073103      1001 00100100100100100100100100100100        82
 6:FTP      027040043077      1001 00100100100100100100100100100100        87
 7:FTP      023031037069      1001 00100100100100100100100100100100        90
 8:FTP      021023033066      1001 00100100100100100100100100100100        99
 9:FTPBACT  049067073103      0151 00020100050100020100100100100100        82
10:FTPBACT  027040043077      0151 00020100050100020100100100100100        87
11:FTPBACT  023031037069      0151 00020100050100020100100100100100        90
12:FTPBACT  021023033066      0151 00020100050100020100100100100100        99
```

### TABLE D-2. STRATEGY INPUT FOR CARBON MONOXIDE

```
16: 1 9 7 8       2421              CO8  PPM  S=02 P=04 R=19 G=01
17:FTP        59 85 95 88     1001 00100100                                82
18:FTP        32 60 60 86     1001 00100100                                87
19:FTP      026046048086      1001 00100100                                90
20:FTP      023033041086      1001 00100100                                99
21:FTPBACT    59 85 95 88     0501 00100100                                82
22:FTPBACT    32 60 60 86     0501 00100100                                87
23:FTPBACT  026046048086      0501 00100100                                90
24:FTPBACT  023033041086      0501 00100100                                99
```

### TABLE D-3. STRATEGY INPUT FOR NITROGEN DIOXIDE

```
28: 1 9 7 8       202119           NOX          S=02 P=04 R=09 G=01
29:FTPBACT  063072092097      0501 00100100020100                          82
30:FTPBACT  048052076065      0501 00100100020100                          87
31:FTPBACT  046045066041      0501 00100100020100                          90
32:FTPBACT  045042062029      0501 00100100020100                          99
33:FTP      063072092097      1001 00100100100100                          82
34:FTP      048052076065      1001 00100100100100                          87
35:FTP      046045066041      1001 00100100100100                          90
36:FTP      045042062029      1001 00100100100100                          99
```

## TABLE D-4. REGIONAL INPUT FOR NONMETHANE HYDROCARBONS/OZONE

```
 1:038SAN ISABEL          0.12 00.0  03    PPM                              1.01.01.01.01.01.0 761
 2:038    13.8 2.6   4.1  0.4                 0.0  2.9   1.9   9.7   0.3  0.7                     2
 3:038L02.02.02.02.0             2.02.03.52.00.00.0                          4.04.20.53.02.00.0   3
 4:038HI3.03.03.03.0             3.03.05.03.01.03.0                          4.04.20.53.02.00.0   4
 5:048CEN FLORIDA         0.10 00.0  03    PPM                              1.01.01.01.01.01.0 761
 6:048    35.7  6.8  7.8  0.8                 0.0  2.2   0.8  28.1   0.5  5.5                     2
 7:048L02.02.02.02.0             2.02.03.52.00.00.0                          4.04.20.53.02.00.0   3
 8:048HI3.03.03.03.0             3.03.05.03.01.03.0                          4.04.20.53.02.00.0   4
 9:055CHATT               0.11  0.0  03    PPM                              1.01.01.01.01.01.0 761
10:055    24.3  4.7  1.7  0.8                 0.0  4.8   5.7  33.1   0.4  0.9                     2
11:055L02.02.02.02.0             2.02.03.52.00.00.0                          4.04.20.53.02.00.0   3
12:055HI3.03.03.03.0             3.03.05.03.01.03.0                          4.04.20.53.02.00.0   4
13:062E.WASH              0.08 00.0  03    PPM                              1.01.01.01.01.01.0 761
14:062    20.5  3.9  2.9  0.5                 0.0  2.9  11.1  12.1   0.4  3.1                     2
15:062L02.02.02.02.0             2.02.03.52.00.00.0                          4.04.20.53.02.00.0   3
16:062HI3.03.03.03.0             3.03.05.03.01.03.0                          4.04.20.53.02.00.0   4
17:065BURLINGTON          0.12 00.0  03    PPM                              1.01.01.01.01.01.0 761
18:065    20.8  3.9  1.5  0.6                 0.0  3.4  18.4  20.1   0.6  0.8                     2
19:065L02.02.02.02.0             2.02.03.52.00.00.0                          4.04.20.53.02.00.0   3
20:065HI3.03.03.03.0             3.03.05.03.01.03.0                          4.04.20.53.02.00.0   4
21:072PADUCAH             0.10  0.0  03    PPM                              1.01.01.01.01.01.0 761
22:072    12.2  2.3  1.6  0.3                 0.0  2.3   8.3  10.3   0.9  1.2                     2
23:072L02.02.02.02.0             2.02.03.52.00.00.0                          4.04.20.53.02.00.0   3
24:072HI3.03.03.03.0             3.03.05.03.01.03.0                          4.04.20.53.02.00.0   4
25:077EVANSVILLE          0.12  0.0  03    PPM                              1.01.01.01.01.01.0 761
26:077    15.4  2.9  2.4  0.5                 0.2  2.6  14.4  18.7   0.5  1.4                     2
27:077L02.02.02.02.0             2.02.03.52.00.00.0                          4.04.02.53.02.00.0   3
28:077HI3.03.03.03.0             3.03.05.03.01.03.0                          4.04.02.53.02.00.0   4
29:085OMAHA               0.10  0.0  03    PPM                              1.01.01.01.01.01.0 761
30:085    15.5  3.4  5.3  0.8                 0.0  2.6  10.5  17.8   0.0  1.0                     2
31:085L02.02.02.02.0             2.02.03.02.00.00.0                          4.04.02.53.02.00.0   3
32:085HI3.03.03.03.0             3.03.05.03.01.03.0                          4.04.02.53.02.00.0   4
33:092S C IOWA            0.11  0.0  03    PPM                              1.01.01.01.01.01.0 761
34:092    23.6  4.5  4.6  1.1                 0.0  4.1  27.3  20.5   0.2  5.3                     2
35:092L02.02.02.02.0             2.02.03.52.00.00.0                          4.04.02.53.02.00.0   3
36:092HI3.03.03.03.0             3.03.05.03.01.03.0                          4.04.02.53.02.00.0   4
```

(continued)

TABLE D-4 (continued)

```
37:094KC                0.12  0.0  03    PPM                      1.01.01.01.01.01.0 761
38:094   37.3  7.1 10.2  1.6              6.1  7.6 16.4 52.3  1.0  4.3                 2
39:094L02.02.02.02.0         2.02.03.52.00.00.0                    4.04.02.53.02.00.0   3
40:094H13.03.03.03.0         3.03.05.03.01.03.0                                         4
41:113CUMBERLAND        0.12  0.0  03    PPM                      1.01.01.01.01.01.0 761
42:113    7.5  1.5  0.9  0.1              0.0  1.1  0.0  6.4  0.1  1.3                 2
43:113L02.02.02.02.0         2.02.03.52.00.00.0                    4.04.02.53.02.00.0   3
44:113H13.03.03.03.0         3.03.05.03.01.03.0                    4.04.02.53.02.00.0   4
45:125SC MICHIGAN       0.09  0.0  03    PPM                      1.01.01.01.01.01.0 761
46:125   45.3  8.6  7.0  0.8              2.6  7.8 26.6 62.6  0.2  1.5                 2
47:125L02.02.02.02.0         2.02.03.52.00.00.0                    4.04.02.53.02.00.0   3
48:125H13.03.03.03.0         3.03.05.03.01.03.0                    4.04.02.53.02.00.0   4
49:131MIN-ST PAUL       0.12  0.0  03    PPM                      1.01.01.01.01.01.0 761
50:131   53.5 10.2  9.6  1.8              2.3  8.9 70.2 78.0  0.3  2.6                 2
51:131L02.02.02.02.0         2.02.03.52.00.00.0                    4.04.02.53.02.00.0   3
52:131H13.03.03.03.0         3.03.05.03.01.03.0                    4.04.02.53.02.00.0   4
53:143MILES CITY        0.12  0.0  03    PPM                      1.01.01.01.01.01.0 761
54:143    3.8  0.8  0.3  0.1              0.0  0.7  0.0  1.3  0.0  0.8                 2
55:143L02.02.02.02.0         2.02.03.52.00.00.0                    4.04.02.53.02.00.0   3
56:143H13.03.03.03.0         3.03.05.03.01.03.0                    4.04.02.53.02.00.0   4
57:158CENTRAL NY        0.12  0.0  03    PPM                      1.01.01.01.01.01.0 761
58:158   31.5  6.0  3.8  0.3              0.0  5.0  4.3 45.7  0.5  1.7                 2
59:158L02.02.02.02.0         2.02.03.52.00.00.0                    4.04.02.53.02.00.0   3
60:158H13.03.03.03.0         3.03.05.03.01.03.0                    4.04.02.53.02.00.0   4
61:184CEN OKLA          0.12  0.0  03    PPM                      1.01.01.01.01.01.0 761
62:184   34.3  6.5 21.9  1.1              0.0  4.9  5.1 24.5  0.0  0.9                 2
63:184L02.02.02.02.0         2.02.03.52.00.00.0                    4.04.02.53.02.00.0   3
64:184H13.03.03.03.0         3.03.05.03.01.03.0                    4.04.02.53.02.00.0   4
65:241CASPER            0.08  0.0  03    PPM                      1.01.01.01.01.01.0 761
66:241    3.3  0.6  0.2  0.3              2.2  0.6  0.0  1.4  0.2  1.2                 2
67:241L02.02.02.02.0         2.02.03.52.00.00.0                    4.04.02.53.02.00.0   3
68:241H13.03.03.03.0         3.03.05.03.01.03.0                    4.04.02.53.02.00.0   4
69:243WYOMING           0.06  0.0  03    PPM                      1.01.01.01.01.01.0 761
70:243    9.4  1.8  0.4  0.5              1.4  1.7  4.4  2.3  0.3  1.2                 2
71:243L02.02.02.02.0         2.02.03.52.00.00.0                    4.04.02.53.02.00.0   3
72:243H13.03.03.03.0         3.03.05.03.01.03.0                    4.04.02.53.02.00.0   4
```

TABLE D-5.  REGIONAL INPUT FOR CARBON MONOXIDE

```
 1:038SAN ISABEL       8.1  1.C    CO8  PPM                   0.00.2        761
 2:038  113.121.5 37.9 2.6              35.4 40.0                             2
 3:038L01.01.01.01.0         3.23.2                           0.00.0          3
 4:048CENTRAL FLORIDA 1.4  1.0    CO8  PPM                   0.00.2        761
 5:048  293.855.8 72.7 5.2              5.1  32.5                             2
 6:048L01.01.01.01.0         3.23.2                           0.00.0          3
 7:055CHATTANOOGA      6.8  1.0    CO8  PPM                   0.00.2        761
 8:055  179.134.0 15.4 4.8              29.6 7.5                              2
 9:055L01.01.01.01.0         3.23.2                           0.00.0          3
10:050S.E. FLOEIDA     9.1  1.0    CO8  PPM                   0.00.2        761
11:050  717.1136.2169.411.3             10.4 43.5                             2
12:050L01.01.01.01.0         3.23.2                           0.00.0          3
13:062E. WASH.        17.6 1.0    CO8  PPM                   0.00.2        761
14:062  153.629.2 25.5 2.9              52.9 34.0                             2
15:062L01.01.01.01.0         3.23.2                           0.00.0          3
16:065BURLINGTON       7.6  1.0    CO8  PPM                   0.00.2        761
17:065  164.931.3 13.5 4.2              6.7  15.4                             2
18:065L01.01.01.01.0         3.23.2                           .0 .0           3
19:072PADUCAH          8.1  1.0    CO8  PPM                   0.00.2        761
20:072  84.9 16.1 13.9 1.6              19.3 6.3                              2
21:072L01.01.01.01.0         3.23.2                           0.00.0          3
22:077EVANSVILLE       2.6  1.0    CO8  PPM                   0.00.2        761
23:077  115.822.0 21.0 3.4              33.6 7.3                              2
24:077L01.01.01.01.0         3.23.2                           0.00.0          3
25:085OMAHA           14.5 1.0    CO8  PPM                   0.00.2        761
26:085  126.724.1 49.2 5.6              11.3 5.2                              2
27:085L01.01.01.01.0         3.23.2                           0.00.0          3
28:092S.C. IOWA       11.5 1.0    CO8  PPM                   0.00.2        761
29:092  187.835.7 42.3 7.3              5.6  26.1                             2
30:092L01.01.01.01.0         3.23.2                           0.00.0          3
31:094KANSAS CITY      3.0  1.0    CO8  PPM                   0.00.2        761
32:094  317.560.3 97.7 11.6             60.3 20.8                             2
33:094L01.01.01.01.0         3.23.2                           0.00.0          3
34:113CUMBERLAND       9.0  1.0    CO8  PPM                   0.00.2        761
35:113  54.2 10.3 -7.7  0.6             1.9  6.8                              2
36:113L01.01.01.01.0         3.23.2                           0.00.0          3
37:125S.C. MICHIGAN    9.0  1.0    CO8  PPM                   0.00.2        761
38:125  344.765.5 62.8 4.8              8.9  6.8                              2
39:125L01.01.01.01.0         3.23.2                           0.00.0          3
```

(continued)

TABLE D-5 (continued)

```
40:131MINN-ST PAUL    14.0 1.0    C08  PPM                    0.00.2             761
41:131  455.686.5 92.1 13.C           125.512.9                                     2
42:131L01.01.01.01.0        3.23.2                            0.C0.0                3
43:143MILES CITY      10.0 1.0    C08  PPM                    0.C0.2             761
44:143   26.2  4.9  2.5  0.8             0.2  3.9                                   2
45:143L01.01.01.01.0        3.23.2                            0.C0.0                3
46:158CENTRAL NY      8.4  1.0    C08  PPM                    0.C0.2             761
47:158  245.5 46,6 35.0  0.3             5.0  8.4                                   2
48:158L01.01.01.01.0        3.23.2                            0.00.0                3
49:184CEN OKLA        11.5 1.C    C08  PPM                    0.00.2             761
50:184  290.0 55.1208.5  7.5             C.7  6.4                                   2
51:184L01.01.01.01.0        3.23.2                            C.C0.0                3
52:241CASPER          10.0 1.0    C08  PPM                    0.0C.2             761
53:241   25.9  4.9  1.3  1.7            42.8  2.8                                   2
54:241L01.01.01.01.0        3.23.2                            0.C0.C                3
55:243WYOMING         10.0 1.0    C08  PPM                    0.C0.2             761
56:243   70.8 13.5  3.6  2.8            62.4 10.1                                   2
57:243L01.01.01.01.0        3.23.2                            0.00.0                3
```

TABLE D-6. REGIONAL INPUT FOR NITROGEN DIOXIDE

```
 1:085OMAHA            58.0  0.0  NO2                         1.01.01.0          76
 2:085   11.3  2.1  3.1  5.6            0.0  4.8 19.9
 3:085  2.02.02.02.0         3.03.03.0
 4:131MINN-ST PAUL     69.0  0.0  NO2                         1.01.01.0          76
 5:131   36.9  7.0  5.4 11.6            6.3 16.0 64.4
 6:131 A2.02.02.02.0         3.03.03.0
 7:158CENTRAL NY       63.0  0.0  NO2                         1.01.01.0          76
 8:158   25.0  4.8  2.5  2.4            2.1  7.4 64.6
 9:158 A2.02.02.02.0         3.03.03.0
10:241CASPER            6.0  0.0  NO2                         1.01.01.0          76
11:241    2.6  0.5  0.1  1.9            1.4  2.7 29.8
12:241 A2.02.02.02.0         3.03.03.0
13:143MILES CITY       65.0  0.0  NO2                         1.01.01.0          76
14:143    3.7  0.7  0.2  1.4            0.0  1.4  2.3
15:143 A2.02.02.02.0         3.03.03.0
16:094KC               27.0  0.0  NO2                         1.01.01.0          76
17:094   25.9  4.9  5.8 10.3            2.6  9.2 56.5
18:094 A2.02.02.02.0         3.03.03.0
19:038SAN ISABEL       32.0  0.0  NO2                         1.01.01.0          76
20:038   10.1  1.9  2.4  2.6            0.2  2.2 27.8
21:038 A2.02.02.02.0         3.03.03.0
22:048CENTRAL FL       39.0  0.0  NO2                         1.01.01.0          76
23:048   26.4  5.0  4.7  5.2            0.0  1.3 65.4
24:048 A2.02.02.02.0         3.03.03.0
25:055CHATT            57.0  0.0  NO2                         1.01.01.0          76
26:055   20.9  4.0  1.1  6.6            0.9  3.9 59.6
27:055 A2.02.02.02.0         3.03.03.0
```

# APPENDIX F

# RESULTS OF MODIFIED ROLLBACK ANALYSIS BY AQCR

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ROLLBACK AIR QUALITY PROJECTIONS                                                          D

                    L I N E A R   R O L L B A C K

               STRATEGY: 1 FTP          GROWTH RATE SCENARIO: 1 LO

             03  AIR QUALITY CONCENTRATION ( PPM) AND VIOLATIONS
                           (STANDARD IS  .12  PPM)

                                 P R O J E C T E D
                  ___B_A_S_E____    1982        1987        1990        1999
___R_E_G_I_O_N____ YEAR CONC BKGD  CONC NUMB  CONC NUMB  CONC NUMB  CONC NUMB
038SAN ISABEL      1976  .12 .000   .10    0   .09    0   .09    0   .11    0
048CEN FLORIDA     1976  .10 .000   .08    0   .07    0   .07    0   .08    0
055CHATT           1976  .11 .000   .10    0   .10    0   .10    0   .12    0
062E.WASH          1976  .08 .000   .07    0   .07    0   .07    0   .12    0
065BURLINGTON      1976  .12 .000   .11    0   .12    0   .12    0   .09    0
072PADUCAH         1976  .10 .000   .09    0   .09    0   .12    0   .15    4
077EVANSVILLE      1976  .12 .000   .12    0   .12    0   .10    0   .12    0
095OMAHA           1976  .10 .000   .09    0   .09    0   .12    0   .15    4
092S C IOWA        1976  .11 .000   .11    0   .11    0   .09    0   .11    0
094KC              1976  .12 .000   .11    0   .11    0   .11    0   .14    2
113CUMBERLAND      1976  .12 .000   .10    0   .09    0   .12    0   .14    2
125SC MICHIGAN     1976  .09 .000   .09    0   .09    0   .09    0   .11    0
131MIN-ST PAUL     1976  .12 .000   .12    0   .12    0   .09    0   .11    0
143MILES CITY      1976  .12 .000   .09    0   .08    0   .13    1   .17    6
158CENTRAL NY      1976  .12 .000   .11    0   .11    0   .08    0   .09    0
184CEN OKLA        1976  .12 .000   .10    0   .09    0   .11    0   .13    1
241CASPER          1976  .08 .000   .07    0   .07    0   .09    0   .10    0
243WYOMING         1976  .06 .000   .07    0   .07    0   .07    0   .08    0
                                                       .08    0   .10    0

AVERAGE PERCENT CHANGE                  -8.        -11.         -7.        11.
NO. OF CITIES ABOVE STD                   0           0           1          6
TOTAL NO. OF VIOLATIONS                   0           0           1         19
```

```
ROLLBACK AIR QUALITY PROJECTIONS

                 L I N E A R   R O L L B A C K

           STRATEGY: 1 FTP        GROWTH RATE SCENARIO: 2 HI

         03  AIR QUALITY CONCENTRATION ( PPM) AND VIOLATIONS
                        (STANDARD IS  .12  PPM)

                                 P R O J E C T E D
                  B A S E       1982        1987        1990        1999
    R E G I O N   YEAR CONC BKGD  CONC NUMB   CONC NUMB   CONC NUMB   CONC NUMB
038SAN ISABEL     1976  .12 .000   .11    0    .10    0    .11    0    .14    2
048CEN FLORIDA    1976  .10 .000   .09    0    .08    0    .09    0    .11    0
055CHATT          1976  .11 .000   .11    0    .11    0    .12    0    .16    4
062E.WASH         1976  .08 .000   .08    0    .08    0    .08    0    .12    0
065BURLINGTON     1976  .12 .000   .12    0    .13    1    .14    3    .20   13
072PADUCAH        1976  .10 .000   .10    0    .11    0    .11    0    .16    4
077EVANSVILLE     1976  .12 .000   .12    0    .13    1    .15    3    .20   13
095OMAHA          1976  .10 .000   .10    0    .10    0    .11    0    .15    4
092S C IOWA       1976  .11 .000   .11    0    .12    0    .14    2    .19   11
094KC             1976  .12 .000   .12    0    .13    1    .14    2    .18    9
113CUMBERLAND     1976  .12 .000   .11    0    .11    0    .11    0    .14    2
125SC MICHIGAN    1976  .09 .000   .09    0    .10    0    .10    0    .14    2
131MIN-ST PAUL    1976  .12 .000   .13    1    .14    2    .16    4    .22   17
143MILES CITY     1976  .12 .000   .10    0    .09    0    .10    0    .12    0
158CENTRAL NY     1976  .12 .000   .12    0    .12    0    .13    1    .17    6
184CEN OKLA       1976  .12 .000   .11    0    .10    0    .10    0    .13    1
241CASPER         1976  .08 .000   .08    0    .08    0    .08    0    .10    0
243WYOMING        1976  .06 .000   .07    0    .09    0    .10    0    .13    1

AVERAGE PERCENT CHANGE                 -1.          2.         10.         47.
NO. OF CITIES ABOVE STD                 1           4           6          14
TOTAL NO. OF VIOLATIONS                 1           5          15          89
```

```
ROLLBACK AIR QUALITY PROJECTIONS

                    L I N E A R   R O L L B A C K

              STRATEGY: 2 FTPBACT      GROWTH RATE SCENARIO: 1 LO

          03  AIR QUALITY CONCENTRATION ( PPM) AND VIOLATIONS
                        (STANDARD IS  .12  PPM)

                                    P R O J E C T E D
                     B A S E       1982        1987        1990        1999
   R E G I O N     YEAR CONC BKGD  CONC NUMB   CONC NUMB   CONC NUMB   CONC NUMB
038SAN ISABEL      1976  .12 .000   .09   0     .07   0     .07   0     .07   0
048CEN FLORIDA     1976  .10 .000   .07   0     .06   0     .06   0     .05   0
055CHATT           1976  .11 .000   .09   0     .07   0     .07   0     .07   0
052E.WASH          1976  .08 .000   .06   0     .06   0     .05   0     .06   0
055BURLINGTON      1976  .12 .000   .10   0     .09   0     .09   0     .10   0
072PADUCAH         1976  .10 .000   .08   0     .07   0     .07   0     .08   0
077EVANSVILLE      1976  .12 .000   .10   0     .09   0     .09   0     .09   0
085OMAHA           1976  .10 .000   .08   0     .07   0     .07   0     .07   0
092S C IOWA        1976  .11 .000   .09   0     .08   0     .08   0     .09   0
094KC              1976  .12 .000   .10   0     .08   0     .08   0     .08   0
113CUMBERLAND      1976  .12 .000   .09   0     .07   0     .07   0     .07   0
125SC MICHIGAN     1976  .09 .000   .07   0     .06   0     .06   0     .06   0
131MIN-ST PAUL     1976  .12 .000   .10   0     .09   0     .09   0     .10   0
143MILES CITY      1976  .12 .000   .09   0     .07   0     .06   0     .06   0
158CENTRAL NY      1976  .12 .000   .09   0     .08   0     .07   0     .07   0
184CEN OKLA        1976  .12 .000   .09   0     .07   0     .07   0     .07   0
241CASPER          1976  .08 .000   .06   0     .05   0     .05   0     .05   0
243WYOMING         1976  .06 .000   .06   0     .06   0     .06   0     .06   0

AVERAGE PERCENT CHANGE             -20.        -31.        -34.        -32.
NO. OF CITIES ABOVE STD               0           0           0           0
TOTAL NO. OF VIOLATIONS               0           0           0           0
```

```
ROLLBACK AIR QUALITY PROJECTIONS

                 L I N E A R   R O L L B A C K

          STRATEGY: 2 FTPBACT     GROWTH RATE SCENARIO: 2 HI

        03  AIR QUALITY CONCENTRATION ( PPM) AND VIOLATIONS
                     (STANDARD IS  .12  PPM)

                                   P R O J E C T E D
                      B A S E       1982        1987        1990        1999
   R E G I O N        YEAR CONC BKGD  CONC NUMB  CONC NUMB  CONC NUMB  CONC NUMB
038SAN ISABEL         1976  .12 .000   .10    0   .08    0   .08    0   .08    0
048CEN FLORIDA        1976  .10 .000   .08    0   .07    0   .06    0   .07    0
055CHATT              1976  .11 .000   .09    0   .08    0   .08    0   .08    0
062E.WASH             1976  .08 .000   .07    0   .06    0   .06    0   .07    0
065BURLINGTON         1976  .12 .000   .10    0   .10    0   .10    0   .12    0
072PADUCAH            1976  .10 .000   .09    0   .08    0   .08    0   .09    0
077EVANSVILLE         1976  .12 .000   .10    0   .10    0   .10    0   .11    0
085OMAHA              1976  .10 .000   .09    0   .08    0   .08    0   .09    0
092S C IOWA           1976  .11 .000   .10    0   .09    0   .10    0   .12    0
094KC                 1976  .12 .000   .11    0   .10    0   .11    0   .12    0
113CUMBERLAND         1976  .12 .000   .09    0   .08    0   .08    0   .08    0
125SC MICHIGAN        1976  .09 .000   .08    0   .07    0   .07    0   .08    0
131MIN-ST PAUL        1976  .12 .000   .11    0   .10    0   .10    0   .12    0
143MILES CITY         1976  .12 .000   .09    0   .08    0   .07    0   .08    0
158CENTRAL NY         1976  .12 .000   .10    0   .08    0   .08    0   .09    0
184CEN OKLA           1976  .12 .000   .10    0   .08    0   .07    0   .08    0
241CASPER             1976  .08 .000   .07    0   .06    0   .06    0   .06    0
243WYOMING            1976  .06 .000   .06    0   .06    0   .07    0   .08    0

AVERAGE PERCENT CHANGE                -15.        -24.        -24.        -13.
NO. OF CITIES ABOVE STD                  0           0           0           0
TOTAL NO. OF VIOLATIONS                  0           0           0           0
```

```
ROLLBACK AIR QUALITY PROJECTIONS                                                        D


                    E K M A

                         HC TO NOX RATIO IS 9.5 : 1
                         OZONE BACKGROUND IS  .00  PPM
                         OZONE STANDARD IS    .12  PPM

           STRATEGY: 1 FTP        GROWTH RATE SCENARIO: 1 LO

                                   P R O J E C T E D
                     ___B A S E____    1982       1987       1990       1999
___R E G I O N___  YEAR CONC BKGD  CONC NUMB  CONC NUMB  CONC NUMB  CONC NUMB
 038SAN ISABEL      1976  .12  .00   .11   0   .11   0   .11   0   .11   0
 048CEN FLORIDA     1976  .10  .00   .09   0   .09   0   .09   0   .09   0
 055CHATT           1976  .11  .00   .10   0   .10   0   .11   0   .12   0
 052E.WASH          1976  .08  .00   .08   0   .07   0   .08   0   .09   0
 055BURLINGTON      1976  .12  .00   .12   0   .12   0   .12   0   .16   5
 072PADUCAH         1976  .10  .00   .10   0   .10   0   .10   0   .12   0
 077EVANSVILLE      1976  .12  .00   .12   0   .12   0   .12   0   .17   6
 085OMAHA           1976  .10  .00   .10   0   .09   0   .10   0   .11   0
 092S C IOWA        1976  .11  .00   .11   0   .11   0   .11   0   .16   4
 094KC              1976  .12  .00   .12   0   .12   0   .12   0   .14   2
 113CUMBERLAND      1976  .12  .00   .11   0   .11   0   .11   0   .11   0
 125SC MICHIGAN     1976  .09  .00   .09   0   .09   0   .09   0   .11   0
 131MIN-ST PAUL     1976  .12  .00   .12   0   .12   0   .13   1   .20  13
 143MILES CITY      1976  .12  .00   .11   0   .10   0   .10   0   .11   0
 158CENTRAL NY      1976  .12  .00   .11   0   .11   0   .11   0   .13   1
 184CEN OKLA        1976  .12  .00   .11   0   .11   0   .11   0   .11   0
 241CASPER          1976  .08  .00   .08   0   .07   0   .07   0   .08   0
 243WYOMING         1976  .06  .00   .07   0   .08   0   .09   0   .17   6

 AVERAGE PERCENT CHANGE                   -4.        -4.        -1.        23.
 NO. OF CITIES ABOVE STD                   0          0          1          7
 TOTAL NO. OF VIOLATIONS                   0          0          1         37
```

```
ROLLBACK AIR QUALITY PROJECTIONS


                 E K M A

                         HC TO NOX RATIO IS 9.5 : 1
                         OZONE BACKGROUND IS  .00  PPM
                         OZONE STANDARD IS    .12  PPM

           STRATEGY: 1 FTP       GROWTH RATE SCENARIO: 2 HI

                                      P R O J E C T E D
                      ---B A S E----    1982       1987       1990       1999
    R E G I O N       YEAR CONC BKGD  CONC NUMB  CONC NUMB  CONC NUMB  CONC NUMB
038SAN ISABEL         1976  .12  .00   .11    0   .11    0   .11    0   .14    2
048CEN FLORIDA        1976  .10  .00   .09    0   .09    0   .09    0   .11    0
055CHATT              1976  .11  .00   .11    0   .11    0   .12    0   .20   13
062E.WASH             1976  .08  .00   .06    0   .08    0   .08    0   .15    4
065BURLINGTON         1976  .12  .00   .12    0   .13    1   .15    3   .38   64
072PADUCAH            1976  .10  .00   .10    0   .10    0   .11    0   .24   24
077EVANSVILLE         1976  .12  .00   .12    0   .13    1   .15    4   .39   69
085OMAHA              1976  .10  .00   .10    0   .10    0   .11    0   .23   20
092S C IOWA           1976  .11  .00   .11    0   .12    0   .15    3   .41   72
094KC                 1976  .12  .00   .12    0   .13    1   .14    2   .27   30
113CUMBERLAND         1976  .12  .00   .11    0   .11    0   .11    0   .14    2
125SC MICHIGAN        1976  .09  .00   .09    0   .10    0   .11    0   .23   20
131MIN-ST PAUL        1976  .12  .00   .13    1   .14    3   .17    7   .52  103
143MILES CITY         1976  .12  .00   .11    0   .11    0   .11    0   .12    0
158CENTRAL NY         1976  .12  .00   .12    0   .12    0   .13    1   .20   12
194CEN OKLA           1976  .12  .00   .11    0   .11    0   .11    0   .13    1
241CASPER             1976  .08  .00   .06    0   .08    0   .08    0   .12    0
243WYOMING            1976  .06  .00   .08    0   .12    0   .17    6   .60  121


AVERAGE PERCENT CHANGE                      0.         7.        19.       157.
NO. OF CITIES ABOVE STD                     1          4          7         15
TOTAL NO. OF VIOLATIONS                     1          6         26        557
```

```
ROLLBACK AIR QUALITY PROJECTIONS


                              E K M A

                      HC TO NOX RATIO IS 9.5 : 1
                      OZONE BACKGROUND IS  .00  PPM
                      OZONE STANDARD IS    .12  PPM

             STRATEGY: 2 FTPBACT     GROWTH RATE SCENARIO: 1 LO

                                      P R O J E C T E D
                    ---B A S E----    1982       1987       1990       1999
  ---R E G I O N--- YEAR CONC BKGD  CONC NUMB  CONC NUMB  CONC NUMB  CONC NUMB
 038SAN ISABEL      1976  .12  .00   .11    0   .10    0   .10    0   .10    0
 048CEN FLORIDA     1976  .10  .00   .09    0   .08    0   .08    0   .08    0
 055CHATT           1976  .11  .00   .10    0   .09    0   .09    0   .09    0
 062E.WASH          1976  .08  .00   .07    0   .07    0   .07    0   .07    0
 065BURLINGTON      1976  .12  .00   .11    0   .11    0   .11    0   .11    0
 072PADUCAH         1976  .10  .00   .09    0   .09    0   .09    0   .09    0
 077EVANSVILLE      1976  .12  .00   .11    0   .11    0   .11    0   .11    0
 085OMAHA           1976  .10  .00   .09    0   .09    0   .09    0   .09    0
 092S C IOWA        1976  .11  .00   .10    0   .10    0   .10    0   .10    0
 094KC              1976  .12  .00   .11    0   .10    0   .10    0   .10    0
 113CUMBERLAND      1976  .12  .00   .11    0   .10    0   .10    0   .09    0
 125SC MICHIGAN     1976  .09  .00   .08    0   .08    0   .08    0   .08    0
 131MIN-ST PAUL     1976  .12  .00   .11    0   .11    0   .11    0   .11    0
 143MILES CITY      1976  .12  .00   .11    0   .09    0   .09    0   .09    0
 158CENTRAL NY      1976  .12  .00   .11    0   .10    0   .10    0   .10    0
 184CEN OKLA        1976  .12  .00   .11    0   .10    0   .09    0   .09    0
 241CASPER          1976  .08  .00   .07    0   .07    0   .07    0   .06    0
 243WYOMING         1976  .06  .00   .06    0   .06    0   .06    0   .06    0

 AVERAGE PERCENT CHANGE              -9.       -14.       -15.       -15.
 NO. OF CITIES ABOVE STD               0          0          0          0
 TOTAL NO. OF VIOLATIONS               0          0          0          0
```

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ROLLBACK AIR QUALITY PROJECTIONS


                     E K M A

          HC TO NOX RATIO IS 9.5 : 1
          OZONE BACKGROUND IS  .00  PPM
          OZONE STANDARD IS    .12  PPM

     STRATEGY: 2 FTPBACT     GROWTH RATE SCENARIO: 2 HI

                           P R O J E C T E D
                 B A S E        1982       1987       1990       1999
    R E G I O N     YEAR CONC BKGD  CONC NUMB CONC NUMB CONC NUMB CONC NUMB
038SAN ISABEL       1976  .12  .00   .11   0   .10   0   .10   0   .10   0
048CEN FLORIDA      1976  .10  .00   .09   0   .09   0   .08   0   .09   0
055CHATT            1976  .11  .00   .10   0   .10   0   .10   0   .10   0
062E.WASH           1976  .08  .00   .07   0   .07   0   .07   0   .08   0
065BURLINGTON       1976  .12  .00   .11   0   .11   0   .11   0   .12   0
072PADUCAH          1976  .10  .00   .09   0   .09   0   .09   0   .10   0
077EVANSVILLE       1976  .12  .00   .11   0   .11   0   .11   0   .12   0
085OMAHA            1976  .10  .00   .09   0   .09   0   .09   0   .09   0
092S C IOWA         1976  .11  .00   .10   0   .10   0   .10   0   .11   0
094KC               1976  .12  .00   .11   0   .11   0   .11   0   .12   0
113CUMBERLAND       1976  .12  .00   .11   0   .10   0   .10   0   .10   0
125SC MICHIGAN      1976  .09  .00   .08   0   .08   0   .08   0   .08   0
131MIN-ST PAUL      1976  .12  .00   .11   0   .11   0   .11   0   .12   0
143MILES CITY       1976  .12  .00   .11   0   .10   0   .10   0   .10   0
158CENTRAL NY       1976  .12  .00   .11   0   .10   0   .10   0   .11   0
184CEN OKLA         1976  .12  .00   .11   0   .10   0   .10   0   .10   0
241CASPER           1976  .08  .00   .07   0   .07   0   .07   0   .07   0
243WYOMING          1976  .06  .00   .06   0   .06   0   .07   0   .10   0

AVERAGE PERCENT CHANGE                -7.       -10.       -10.        -3.
NO. OF CITIES ABOVE STD                0          0          0          0
TOTAL NO. OF VIOLATIONS                0          0          0          0
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ROLLBACK AIR QUALITY PROJECTIONS                                                              D

                    L I N E A R    R O L L B A C K

               STRATEGY: 1 FTP          GROWTH RATE SCENARIO: 1 LO

             CO8 AIR QUALITY CONCENTRATION ( PPM) AND VIOLATIONS
                         (STANDARD IS   9.  PPM)

                                 P R O J E C T E D
                   B A S E          1982        1987        1990        1999
   R E G I O N      YEAR CONC BKGD  CONC NUMB   CONC NUMB   CONC NUMB   CONC NUMB
038SAN ISABEL       1976   8.   1.   6.    0     5.    0     4.    0     4.    0
048CENTRAL FLORIDA  1976   1.   1.   1.    0     1.    0     1.    0     1.    0
055CHATTANOOGA      1976   7.   1.   5.    0     4.    0     3.    0     3.    0
05US.E. FLOEIDA     1976   9.   1.   7.    0     5.    0     4.    0     4.    0
062E. WASH.         1976  18.   1.  13.   10     9.    0     8.    0     6.    0
065BURLINGTON       1976   8.   1.   6.    0     4.    0     4.    0     3.    0
072PADUCAH          1976   8.   1.   6.    0     4.    0     4.    0     4.    0
077EVANSVILLE       1976   3.   1.   2.    0     2.    0     2.    0     2.    0
085OMAHA            1976  14.   1.  11.    4     8.    0     7.    0     6.    0
092S.C. IOWA        1976  11.   1.   9.    0     6.    0     5.    0     5.    0
094KANSAS CITY      1976   3.   1.   2.    0     2.    0     2.    0     2.    0
113CUMBERLAND       1976   9.   1.   7.    0     5.    0     4.    0     4.    0
125S.C. MICHIGAN    1976   9.   1.   7.    0     5.    0     4.    0     4.    0
131MINN-ST PAUL     1976  14.   1.  10.    2     7.    0     6.    0     6.    0
143MILES CITY       1976  10.   1.   7.    0     5.    0     5.    0     4.    0
158CENTRAL NY       1976   8.   1.   6.    0     4.    0     4.    0     4.    0
194CEN OKLA         1976  11.   1.   9.    0     6.    0     5.    0     5.    0
241CASPER           1976  10.   1.   7.    0     5.    0     5.    0     4.    0
243WYOMING          1976  10.   1.   7.    0     5.    0     5.    0     4.    0

AVERAGE PERCENT CHANGE             -23.       -45.        -51.        -52.
NO. OF CITIES ABOVE STD              3          0           0           0
TOTAL NO. OF VIOLATIONS             16          0           0           0
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ROLLBACK AIR QUALITY PROJECTIONS                                                                                DA

                    L I N E A R   R O L L B A C K

              STRATEGY: 2 FTPBACT      GROWTH RATE SCENARIO: 1 LO

           CO8 AIR QUALITY CONCENTRATION ( PPM) AND VIOLATIONS
                       (STANDARD IS   9.  PPM)

                                       P_R_O_J_E_C_T_E_D___________________

                       ___B_A_S_E____      1982          1987          1990          1999
___R_E_G_I_O_N_____  YEAR CONC BKGD    CONC NUMB    CONC NUMB    CONC NUMB    CONC NUMB
038SAN ISABEL         1976   8.   1.      6.    0      5.    0      4.    0      4.    0
048CENTRAL FLORIDA    1976   1.   1.      1.    0      1.    0      1.    0      1.    0
055CHATTANOOGA        1976   7.   1.      5.    0      4.    0      3.    0      3.    0
050S.E. FLOEIDA       1976   9.   1.      7.    0      5.    0      4.    0      4.    0
052E. WASH.           1976  18.   1.     13.   10      9.    0      8.    0      8.    0
055BURLINGTON         1976   8.   1.      6.    0      4.    0      4.    0      3.    0
072PADUCAH            1976   8.   1.      6.    0      4.    0      4.    0      4.    0
077EVANSVILLE         1976   3.   1.      2.    0      2.    0      2.    0      2.    0
085OMAHA              1976  14.   1.     11.    4      8.    0      7.    0      6.    0
092S.C. IOWA          1976  11.   1.      9.    0      6.    0      5.    0      5.    0
094KANSAS CITY        1976   3.   1.      2.    0      2.    0      2.    0      2.    0
113CUMBERLAND         1976   9.   1.      7.    0      5.    0      4.    0      4.    0
125S.C. MICHIGAN      1976   9.   1.      7.    0      5.    0      4.    0      4.    0
131MINN-ST PAUL       1976  14.   1.     10.    2      7.    0      6.    0      6.    0
143MILES CITY         1976  10.   1.      7.    0      5.    0      5.    0      4.    0
158CENTRAL NY         1976   8.   1.      6.    0      4.    0      4.    0      4.    0
184CEN OKLA           1976  11.   1.      9.    0      6.    0      5.    0      5.    0
241CASPER             1976  10.   1.      7.    0      5.    0      5.    0      4.    0
243WYOMING            1976  10.   1.      7.    0      5.    0      5.    0      4.    0

AVERAGE PERCENT CHANGE                      -23.          -45.          -51.          -52.
NO. OF CITIES ABOVE STD                        3             0             0             0
TOTAL NO. OF VIOLATIONS                       16             0             0             0
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ROLLBACK AIR QUALITY PROJECTIONS                                                              D

                    L I N E A R   R O L L B A C K

               STRATEGY: 1 FTP         GROWTH RATE SCENARIO: 1  A

             NO2 AIR QUALITY CONCENTRATION ( PPM) AND VIOLATIONS
                        (STANDARD IS  .05  PPM)

                                P R O J E C T E D
                     B A S E         1982        1987        1990        1999
   R E G I O N      YEAR CONC BKGD   CONC NUMB   CONC NUMB   CONC NUMB   CONC NUMB
085OMAHA            1976  .03 .000    .03    0    .03    0    .03    0    .04    0
131MINN-ST PAUL     1976  .04 .000    .04    0    .04    0    .04    0    .05    0
158CENTRAL NY       1976  .03 .000    .04    0    .04    0    .04    0    .05    0
241CASPER           1976  .00 .000    .00    0    .00    0    .00    0    .01    0
143MILES CITY       1976  .03 .000    .03    0    .03    0    .03    0    .04    0
094KC               1976  .01 .000    .02    0    .02    0    .02    0    .02    0
038SAN ISABEL       1976  .02 .000    .02    0    .02    0    .02    0    .03    0
048CENTRAL FL       1976  .02 .000    .02    0    .02    0    .02    0    .03    0
055CHATT            1976  .03 .000    .03    0    .03    0    .04    0    .05    0

AVERAGE PERCENT CHANGE                    5.         11.         17.         48.
NO. OF CITIES ABOVE STD                    0           0           0           0
TOTAL NO. OF VIOLATIONS                    0           0           0           0
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ROLLBACK AIR QUALITY PROJECTIONS


                L I N E A R   R O L L B A C K

           STRATEGY: 2 FTPBACT     GROWTH RATE SCENARIO: 1  A

        NO2 AIR QUALITY CONCENTRATION ( PPM) AND VIOLATIONS
                     (STANDARD IS  .05  PPM)

                                  P R O J E C T E D
                   B A S E         1982       1987       1990       1999
   R E G I O N     YEAR CONC BKGD  CONC NUMB  CONC NUMB  CONC NUMB  CONC NUMB
035OMAHA           1976  .03 .000   .03   0    .03   0    .03   0    .03   0
131MINN-ST PAUL    1976  .04 .000   .04   0    .03   0    .03   0    .04   0
158CENTRAL NY      1976  .03 .000   .03   0    .03   0    .03   0    .04   0
241CASPER          1976  .00 .000   .00   0    .00   0    .00   0    .00   0
143MILES CITY      1976  .03 .000   .03   0    .03   0    .03   0    .03   0
094KC              1976  .01 .000   .01   0    .01   0    .01   0    .02   0
038SAN ISABEL      1976  .02 .000   .02   0    .02   0    .02   0    .02   0
048CENTRAL FL      1976  .02 .000   .02   0    .02   0    .02   0    .02   0
055CHATT           1976  .03 .000   .03   0    .03   0    .03   0    .03   0

AVERAGE PERCENT CHANGE               -3.        -5.        -5.         6.
NO. OF CITIES ABOVE STD               0          0          0          0
TOTAL NO. OF VIOLATIONS               0          0          0          0
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# APPENDIX G

# COUNTY ECONOMIC PROFILES

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| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| AL | ALABAMA | 3,444,354 | 4.9 | 58.4 | 1,249,195 | 6 | 28 | 7 | 9 | 17 |
| | AUTAUGA | 24,460 | 16.9 | 53.6 | 8,340 | 8 | 25 | 5 | 9 | 16 |
| | BALDWIN | 59,382 | 14.2 | 26.6 | 21,394 | 7 | 26 | 5 | 9 | 15 |
| | BARBOUR | 22,543 | 10.9 | 40.4 | 8,183 | 6 | 28 | 6 | 13 | 15 |
| | BIBB | 13,812 | 4.5 | 0.0 | 4,654 | 5 | 43 | 5 | 6 | 13 |
| | BLOUNT | 26,853 | 17.7 | 16.5 | 9,558 | 9 | 35 | 4 | 5 | 12 |
| | BULLOCK | 11,824 | - 5.0 | 36.3 | 3,685 | 7 | 23 | 5 | 11 | 16 |
| | BUTLER | 22,007 | - 1.6 | 36.5 | 8,045 | 6 | 37 | 6 | 10 | 12 |
| | CALHOUN | 103,092 | 3.2 | 64.5 | 36,727 | 5 | 31 | 8 | 7 | 23 |
| | CHAMBERS | 36,356 | 0.4 | 44.1 | 15,240 | 5 | 59 | 3 | 8 | 7 |
| | CHEROKEE | 15,606 | 14.0 | 0.0 | 5,935 | 8 | 40 | 5 | 4 | 12 |
| | CHILTON | 25,180 | 10.9 | 23.3 | 8,583 | 14 | 29 | 4 | 6 | 13 |
| | CHOCTAW | 16,589 | 3.2 | 0.0 | 4,895 | 6 | 49 | 4 | 7 | 10 |
| | CLARKE | 26,724 | 2.7 | 37.1 | 8,624 | 7 | 41 | 5 | 8 | 14 |
| | CLAY | 12,636 | 4.2 | 0.0 | 4,677 | 4 | 44 | 5 | 7 | 15 |
| | CLEBURNE | 10,996 | 6.2 | 27.3 | 4,199 | 5 | 54 | 3 | 4 | 16 |
| | COFFEE | 34,872 | - 0.1 | 58.0 | 12,705 | 6 | 23 | 8 | 9 | 20 |
| | COLBERT | 49,632 | 0.9 | 58.0 | 17,515 | 6 | 32 | 6 | 8 | 21 |
| | CONECUH | 15,645 | 0.8 | 25.1 | 5,287 | 6 | 39 | 7 | 8 | 17 |
| | COOSA | 10,662 | 4.1 | 0.0 | 3,969 | 5 | 47 | 5 | 7 | 14 |
| | COVINGTON | 34,079 | 2.6 | 56.9 | 13,440 | 6 | 35 | 5 | 6 | 12 |
| | CRENSHAW | 13,188 | 5.2 | 0.0 | 4,659 | 5 | 32 | 5 | 8 | 12 |
| | CULLMAN | 52,445 | 10.3 | 24.0 | 19,409 | 8 | 32 | 7 | 6 | 11 |
| | DALE | 52,995 | - 15.7 | 62.2 | 11,205 | 6 | 17 | 6 | 8 | 24 |
| | DALLAS | 55,296 | 3.7 | 49.5 | 17,464 | 5 | 22 | 7 | 12 | 17 |
| | DE KALB | 41,981 | 16.1 | 20.1 | 14,533 | 9 | 38 | 4 | 5 | 11 |
| | ELMORE | 33,661 | 16.1 | 21.3 | 12,081 | 9 | 24 | 5 | 9 | 16 |
| | ESCAMBIA | 34,912 | 7.1 | 43.1 | 11,951 | 6 | 32 | 6 | 9 | 15 |
| | ETOWAH | 94,144 | 1.3 | 72.0 | 34,774 | 5 | 35 | 6 | 8 | 11 |
| | FAYETTE | 16,252 | 3.3 | 29.1 | 6,162 | 7 | 46 | 4 | 6 | 12 |
| | FRANKLIN | 23,933 | 9.8 | 32.6 | 8,650 | 6 | 41 | 5 | 6 | 14 |
| | GENEVA | 21,924 | 7.0 | 33.0 | 8,710 | 6 | 28 | 6 | 8 | 15 |
| | GREENE | 10,650 | - 3.4 | 26.3 | 2,877 | 6 | 19 | 9 | 11 | 22 |
| | HALE | 15,888 | - 3.1 | 21.2 | 4,402 | 8 | 28 | 8 | 11 | 22 |
| | HENRY | 13,254 | 8.0 | 42.9 | 4,885 | 10 | 28 | 5 | 9 | 16 |
| | HOUSTON | 56,574 | 22.5 | 64.9 | 22,897 | 8 | 21 | 5 | 9 | 13 |
| | JACKSON | 39,202 | 18.2 | 31.3 | 14,379 | 9 | 42 | 5 | 5 | 16 |
| | JEFFERSON | 644,991 | 0.2 | 88.4 | 248,269 | 5 | 24 | 6 | 9 | 13 |
| | LAMAR | 14,335 | 9.9 | 0.0 | 5,598 | 10 | 46 | 3 | 3 | 13 |
| | LAUDERDALE | 68,111 | 7.9 | 50.0 | 25,073 | 7 | 28 | 7 | 8 | 20 |
| | LAWRENCE | 27,281 | 1.4 | 0.0 | 9,494 | 13 | 36 | 5 | 6 | 17 |
| | LEE | 61,268 | 12.3 | 68.2 | 23,762 | 4 | 29 | 20 | 9 | 27 |
| | LIMESTONE | 41,699 | 4.3 | 34.4 | 15,345 | 9 | 26 | 7 | 8 | 23 |
| | LOWNDES | 12,897 | 0.1 | 0.0 | 3,464 | 16 | 16 | 8 | 11 | 21 |
| | MACON | 24,841 | 4.0 | 44.4 | 7,486 | 7 | 12 | 23 | 10 | 32 |
| | MADISON | 186,540 | - 1.6 | 78.6 | 70,481 | 4 | 23 | 8 | 9 | 31 |
| | MARENGO | 23,819 | - 1.6 | 43.5 | 7,703 | 5 | 36 | 6 | 11 | 15 |
| | MARION | 23,788 | 14.6 | 26.5 | 8,965 | 5 | 50 | 6 | 11 | 15 |
| | MARSHALL | 54,211 | 9.1 | 48.5 | 20,099 | 7 | 32 | 4 | 7 | 18 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| AL | MOBILE | 317,308 | 5.2 | 82.0 | 112,410 | 7 | 22 | 7 | 9 | 15 |
| | MONROE | 20,883 | 1.4 | 23.2 | 7,188 | 8 | 39 | 6 | 7 | 16 |
| | MONTGOMERY | 167,790 | 8.4 | 82.9 | 63,630 | 7 | 11 | 8 | 12 | 24 |
| | MORGAN | 77,306 | 7.5 | 58.7 | 28,754 | 8 | 32 | 5 | 7 | 16 |
| | PERRY | 15,388 | -13.2 | 27.9 | 4,804 | 8 | 23 | 12 | 9 | 16 |
| | PICKENS | 20,326 | 3.0 | 14.0 | 7,244 | 5 | 43 | 6 | 8 | 13 |
| | PIKE | 25,038 | 6.1 | 56.0 | 9,664 | 10 | 18 | 14 | 12 | 25 |
| | RANDOLPH | 18,331 | 0.7 | 28.6 | 7,027 | 8 | 51 | 4 | 4 | 13 |
| | RUSSELL | 45,394 | 1.3 | 55.7 | 16,761 | 8 | 34 | 3 | 12 | 13 |
| | ST CLAIR | 27,956 | 19.1 | 20.5 | 9,541 | 9 | 35 | 5 | 7 | 15 |
| | SHELBY | 38,037 | 27.8 | 16.8 | 13,861 | 9 | 30 | 7 | 7 | 13 |
| | SUMTER | 16,974 | -6.7 | 17.9 | 4,882 | 7 | 21 | 13 | 10 | 22 |
| | TALLADEGA | 65,280 | 1.2 | 53.3 | 24,000 | 6 | 42 | 6 | 8 | 14 |
| | TALLAPOOSA | 33,840 | 7.2 | 49.2 | 13,890 | 5 | 53 | 4 | 7 | 9 |
| | TUSCALOOSA | 116,029 | 6.8 | 74.0 | 40,962 | 6 | 22 | 15 | 9 | 28 |
| | WALKER | 56,246 | 15.5 | 24.0 | 18,534 | 7 | 26 | 6 | 6 | 12 |
| | WASHINGTON | 16,241 | 4.9 | 0.0 | 4,987 | 7 | 50 | 6 | 6 | 14 |
| | WILCOX | 16,303 | -12.3 | 0.0 | 4,446 | 7 | 35 | 7 | 10 | 15 |
| | WINSTON | 16,654 | 16.2 | 24.8 | 6,176 | 8 | 46 | 4 | 4 | 12 |
| AK | ALASKA | 302,583 | 16.2 | 48.8 | 98,296 | 9 | 7 | 10 | 7 | 36 |
| | ALEUTIAN ISLANDS | 8,221 | -7.5 | 0.0 | 1,088 | 10 | 13 | 6 | 9 | 47 |
| | ANCHORAGE | 126,385 | 22.4 | 68.5 | 44,297 | 10 | 3 | 8 | 8 | 34 |
| | ANGOON | 503 | 59.0 | 0.0 | 59 | 0 | 10 | 46 | 0 | 80 |
| | BARROW | 3,451 | 22.5 | 0.0 | 605 | 3 | 0 | 15 | 3 | 59 |
| | BETHEL | 7,767 | 14.7 | 0.0 | 1,380 | 1 | 4 | 16 | 6 | 62 |
| | BRISTOL BAY BOROUGH | 1,147 | 8.0 | 0.0 | 224 | 0 | 0 | 30 | 3 | 67 |
| | BRISTOL BAY DIVISION | 3,485 | 9.0 | 0.0 | 658 | 1 | 6 | 23 | 4 | 49 |
| | CORDOVA-MC CARTHY | 1,857 | 14.4 | 0.0 | 802 | 14 | 7 | 6 | 7 | 24 |
| | FAIRBANKS | 45,864 | 7.7 | 73.0 | 13,987 | 11 | 2 | 15 | 7 | 37 |
| | HAINES | 1,504 | 36.3 | 0.0 | 527 | 9 | 29 | 5 | 6 | 21 |
| | JUNEAU | 13,556 | 18.5 | 45.2 | 6,410 | 10 | 2 | 9 | 6 | 57 |
| | KENAI-COOK INLET | 14,250 | 8.5 | 24.8 | 4,933 | 9 | 12 | 9 | 6 | 20 |
| | KETCHIKAN | 10,041 | 3.9 | 73.6 | 3,988 | 6 | 19 | 9 | 5 | 27 |
| | KOBUK | 4,048 | 10.4 | 0.0 | 731 | 4 | 2 | 23 | 7 | 56 |
| | KODIAK | 9,409 | -5.0 | 73.5 | 2,935 | 2 | 23 | 13 | 4 | 33 |
| | KUSKOKWIM | 2,306 | 16.0 | 0.0 | 341 | 3 | 2 | 6 | 10 | 47 |
| | MATANUSKA-SUSITNA | 6,509 | 62.6 | 0.0 | 2,091 | 11 | 2 | 8 | 6 | 33 |
| | NOME | 5,749 | 8.2 | 0.0 | 1,466 | 3 | 1 | 20 | 6 | 49 |
| | OUTER KETCHIKAN | 1,676 | 1.1 | 0.0 | 491 | 10 | 21 | 19 | 0 | 61 |
| | PRINCE OF WALES | 2,106 | 20.2 | 0.0 | 827 | 3 | 74 | 8 | 0 | 10 |
| | SEWARD | 2,336 | 29.8 | 0.0 | 700 | 6 | 11 | 13 | 8 | 41 |
| | SITKA | 6,109 | 4.6 | 57.4 | 2,734 | 3 | 26 | 11 | 6 | 32 |
| | SKAGWAY-YAKUTAT | 2,157 | 20.5 | 0.0 | 727 | 1 | 6 | 11 | 7 | 25 |
| | SOUTHEAST FAIRBANKS | 4,179 | 7.3 | 0.0 | 942 | 14 | 0 | 10 | 15 | 49 |
| | UPPER YUKON | 1,282 | -3.3 | 0.0 | 560 | 7 | 4 | 14 | 1 | 21 |
| | VALDEZ-CHITINA-WHITTI | 3,098 | 62.8 | 0.0 | 1,306 | 19 | 1 | 8 | 7 | 45 |
| | WADE HAMPTON | 3,917 | 13.5 | 0.0 | 450 | 0 | 5 | 31 | 3 | 62 |
| | WRANGELL-PETERSBURG | 4,913 | 13.6 | 0.0 | 1,867 | 3 | 34 | 11 | 4 | 17 |
| | YUKON-KOYUKUK | 4,758 | 6.9 | 0.0 | 1,170 | 5 | 1 | 16 | 3 | 53 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| AK | PRINCE OF WHALES ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | KETCHIKAN ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | WRANGELL-PETERSBURG E | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | SITKA ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | JUNEAU ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LYNN CANAL-ICY STRAIT | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | CORDOVA-MCCARTHY ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VALDEZ-CHITINA-WHITTI | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | PALMER-WASILLA-TAKEET | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANCHORAGE ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | SEWARD ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | KENAI-COOK INLET ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | KODIAK ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ALEUTIAN ISLANDS ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | BRISTOL BAY ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | BETHEL ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | KUSKOKWIM ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | YUKON-KOYUKUK ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | FAIRBANKS ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | UPPER YUKON ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | BARROW ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | KOBUK ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | NOME ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | WADE HAMPTON ELD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | FIRST JD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | SECOND JD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | THIRD JD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | FOURTH JD | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZ | ARIZONA | 1,775,399 | 25.2 | 79.5 | 641,000 | 7 | 15 | 9 | 9 | 18 |
| | APACHE | 32,304 | 26.9 | 0.0 | 6,868 | 6 | 8 | 23 | 5 | 55 |
| | COCHISE | 61,918 | 20.0 | 64.4 | 18,559 | 4 | 11 | 9 | 7 | 31 |
| | COCONINO | 48,326 | 35.4 | 54.0 | 16,689 | 6 | 7 | 18 | 10 | 36 |
| | GILA | 29,255 | 11.2 | 43.6 | 9,667 | 6 | 17 | 5 | 7 | 16 |
| | GRAHAM | 16,578 | 21.9 | 32.2 | 5,052 | 10 | 5 | 12 | 8 | 22 |
| | GREENLEE | 10,330 | 15.0 | 49.2 | 3,645 | 9 | 3 | 7 | 5 | 10 |
| | MARICOPA | 971,228 | 25.4 | 93.4 | 376,964 | 7 | 20 | 8 | 9 | 15 |
| | MOHAVE | 25,857 | 44.5 | 28.4 | 9,512 | 19 | 8 | 5 | 11 | 16 |
| | NAVAJO | 47,559 | 22.0 | 26.9 | 12,689 | 8 | 13 | 13 | 6 | 31 |
| | PIMA | 351,667 | 25.5 | 85.3 | 122,311 | 7 | 8 | 12 | 10 | 21 |
| | PINAL | 68,579 | 28.1 | 47.9 | 21,277 | 6 | 10 | 8 | 6 | 19 |
| | SANTA CRUZ | 13,966 | 24.2 | 63.9 | 4,588 | 6 | 5 | 6 | 6 | 20 |
| | YAVAPAI | 37,005 | 32.7 | 42.9 | 12,440 | 11 | 9 | 8 | 6 | 19 |
| | YUMA | 60,827 | 15.6 | 62.4 | 20,739 | 7 | 4 | 9 | 9 | 26 |
| AR | ARKANSAS | 1,923,322 | 10.0 | 50.0 | 688,630 | 6 | 26 | 7 | 8 | 15 |
| | ARKANSAS | 23,347 | - 1.3 | 61.6 | 8,674 | 5 | 20 | 5 | 10 | 9 |
| | ASHLEY | 24,976 | 0.5 | 48.8 | 8,394 | 6 | 39 | 6 | 8 | 10 |
| | BAXTER | 15,319 | 37.1 | 25.7 | 4,633 | 16 | 23 | 4 | 9 | 16 |
| | BENTON | 50,476 | 18.3 | 45.0 | 19,566 | 7 | 35 | 5 | 5 | 8 |
| | BOONE | 19,073 | 17.5 | 38.1 | 7,026 | 8 | 21 | 6 | 8 | 15 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| AR | BRADLEY | 12,778 | - 1.8 | 50.3 | 4,151 | 6 | 36 | 5 | 11 | 13 |
| | CALHOUN | 5,573 | 0.1 | 0.0 | 1,883 | 7 | 42 | 8 | 7 | 17 |
| | CARROLL | 12,301 | 14.2 | 0.0 | 4,740 | 7 | 25 | 4 | 7 | 12 |
| | CHICOT | 18,164 | - 1.1 | 63.1 | 5,361 | 7 | 15 | 7 | 12 | 15 |
| | CLARK | 21,537 | 1.9 | 45.7 | 8,162 | 4 | 27 | 22 | 7 | 20 |
| | CLAY | 18,771 | 6.3 | 30.9 | 6,264 | 5 | 27 | 5 | 6 | 9 |
| | CLEBURNE | 10,349 | 34.7 | 0.0 | 3,206 | 12 | 25 | 6 | 8 | 15 |
| | CLEVELAND | 6,605 | 4.4 | 0.0 | 2,114 | 7 | 41 | 6 | 6 | 16 |
| | COLUMBIA | 25,952 | - 0.2 | 43.6 | 9,715 | 5 | 30 | 11 | 11 | 17 |
| | CONWAY | 16,805 | 5.2 | 43.0 | 5,796 | 6 | 34 | 6 | 7 | 10 |
| | CRAIGHEAD | 52,068 | 14.1 | 51.9 | 20,310 | 6 | 24 | 11 | 8 | 15 |
| | CRAWFORD | 25,677 | 18.2 | 32.6 | 9,214 | 7 | 36 | 4 | 5 | 8 |
| | CRITTENDEN | 48,106 | 4.7 | 60.4 | 15,443 | 7 | 18 | 5 | 11 | 12 |
| | CROSS | 19,783 | - 2.0 | 33.8 | 6,868 | 5 | 28 | 6 | 8 | 14 |
| | DALLAS | 10,022 | 2.8 | 46.8 | 3,469 | 5 | 42 | 6 | 6 | 14 |
| | DESHA | 18,761 | - 2.7 | 50.1 | 6,216 | 5 | 17 | 7 | 9 | 14 |
| | DREW | 15,157 | 2.5 | 33.5 | 5,576 | 6 | 38 | 13 | 8 | 19 |
| | FAULKNER | 31,578 | 21.8 | 49.1 | 11,285 | 8 | 22 | 17 | 6 | 26 |
| | FRANKLIN | 11,301 | 6.4 | 23.2 | 3,743 | 13 | 20 | 10 | 6 | 18 |
| | FULTON | 7,699 | 14.7 | 0.0 | 2,333 | 11 | 22 | 5 | 6 | 18 |
| | GARLAND | 54,131 | 13.9 | 65.8 | 19,354 | 8 | 19 | 3 | 14 | 11 |
| | GRANT | 9,711 | 23.0 | 0.0 | 3,445 | 6 | 42 | 5 | 6 | 13 |
| | GREENE | 24,765 | 16.4 | 42.6 | 9,057 | 6 | 33 | 6 | 6 | 11 |
| | HEMPSTEAD | 19,308 | 3.7 | 45.6 | 7,406 | 7 | 23 | 5 | 9 | 16 |
| | HOT SPRING | 21,963 | 7.7 | 39.9 | 8,285 | 6 | 40 | 5 | 6 | 10 |
| | HOWARD | 11,412 | 14.9 | 35.2 | 4,253 | 5 | 37 | 5 | 5 | 11 |
| | INDEPENDENCE | 22,723 | 3.8 | 31.4 | 8,181 | 8 | 31 | 5 | 7 | 12 |
| | IZARD | 7,381 | 28.0 | 0.0 | 2,554 | 8 | 28 | 5 | 8 | 13 |
| | JACKSON | 20,452 | 6.1 | 37.5 | 7,131 | 6 | 19 | 6 | 8 | 10 |
| | JEFFERSON | 85,329 | - 2.0 | 70.9 | 29,372 | 5 | 24 | 8 | 9 | 18 |
| | JOHNSON | 13,630 | 14.7 | 35.1 | 4,664 | 10 | 31 | 7 | 7 | 14 |
| | LAFAYETTE | 10,018 | - 6.5 | 0.0 | 3,240 | 6 | 30 | 6 | 8 | 14 |
| | LAWRENCE | 16,320 | 13.4 | 22.7 | 5,720 | 6 | 19 | 11 | 6 | 13 |
| | LEE | 18,884 | - 6.7 | 32.8 | 4,869 | 4 | 26 | 11 | 7 | 19 |
| | LINCOLN | 12,913 | 1.0 | 0.0 | 3,633 | 5 | 27 | 5 | 6 | 13 |
| | LITTLE RIVER | 11,194 | 4.3 | 31.2 | 4,002 | 5 | 42 | 5 | 5 | 17 |
| | LOGAN | 16,789 | 7.8 | 42.1 | 5,628 | 9 | 27 | 6 | 5 | 18 |
| | LONOKE | 26,249 | 17.7 | 35.3 | 9,162 | 8 | 23 | 5 | 7 | 12 |
| | MADISON | 9,453 | 6.3 | 0.0 | 3,105 | 6 | 26 | 5 | 5 | 14 |
| | MARION | 7,000 | 30.5 | 0.0 | 1,996 | 8 | 25 | 6 | 10 | 22 |
| | MILLER | 33,385 | - 0.1 | 65.3 | 12,537 | 7 | 23 | 6 | 9 | 18 |
| | MISSISSIPPI | 62,060 | - 0.9 | 52.3 | 19,431 | 5 | 23 | 6 | 10 | 15 |
| | MONROE | 15,657 | - 2.7 | 50.9 | 4,495 | 3 | 24 | 7 | 7 | 12 |
| | MONTGOMERY | 5,821 | 11.4 | 0.0 | 1,930 | 8 | 33 | 6 | 6 | 19 |
| | NEVADA | 10,111 | 2.1 | 38.3 | 3,357 | 9 | 27 | 6 | 6 | 16 |
| | NEWTON | 5,844 | 16.0 | 0.0 | 1,521 | 11 | 32 | 4 | 7 | 21 |
| | OUACHITA | 30,896 | - 3.5 | 49.1 | 11,213 | 5 | 41 | 5 | 9 | 11 |
| | PERRY | 5,634 | 23.8 | 0.0 | 1,704 | 9 | 24 | 6 | 4 | 18 |
| | PHILLIPS | 40,046 | - 4.9 | 53.8 | 11,794 | 4 | 25 | 9 | 9 | 16 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| AR | PIKE | 8,711 | 11.5 | 0.0 | 2,953 | 11 | 31 | 4 | 6 | 11 |
| | POINSETT | 26,843 | 2.8 | 35.3 | 9,145 | 4 | 33 | 6 | 7 | 10 |
| | POLK | 13,297 | 11.3 | 34.1 | 4,533 | 6 | 37 | 6 | 5 | 13 |
| | POPE | 28,607 | 19.2 | 41.1 | 11,271 | 9 | 26 | 10 | 7 | 17 |
| | PRAIRIE | 10,249 | - 3.1 | 0.0 | 3,377 | 7 | 21 | 3 | 5 | 9 |
| | PULASKI | 287,189 | 12.9 | 84.5 | 112,675 | 6 | 18 | 6 | 9 | 18 |
| | RANDOLPH | 12,645 | 28.0 | 35.9 | 4,306 | 5 | 37 | 5 | 5 | 12 |
| | ST FRANCIS | 30,799 | 0.6 | 40.7 | 10,152 | 5 | 25 | 7 | 9 | 15 |
| | SALINE | 36,107 | 19.2 | 46.0 | 13,706 | 7 | 33 | 5 | 4 | 19 |
| | SCOTT | 8,207 | 13.2 | 0.0 | 2,811 | 9 | 36 | 3 | 6 | 15 |
| | SEARCY | 7,731 | 6.5 | 0.0 | 2,410 | 6 | 40 | 6 | 4 | 14 |
| | SEBASTIAN | 79,237 | 38.2 | 82.1 | 32,128 | 6 | 29 | 4 | 7 | 9 |
| | SEVIER | 11,272 | 10.4 | 33.9 | 4,194 | 7 | 37 | 4 | 5 | 10 |
| | SHARP | 8,233 | 28.8 | 0.0 | 2,642 | 16 | 13 | 5 | 4 | 12 |
| | STONE | 6,838 | 18.0 | 0.0 | 2,068 | 10 | 28 | 6 | 6 | 20 |
| | UNION | 45,428 | - 2.6 | 55.7 | 16,906 | 6 | 25 | 6 | 10 | 10 |
| | VAN BUREN | 8,275 | 18.3 | 0.0 | 2,400 | 9 | 26 | 6 | 5 | 15 |
| | WASHINGTON | 77,370 | 15.5 | 60.6 | 30,808 | 5 | 21 | 14 | 6 | 21 |
| | WHITE | 39,253 | 17.6 | 30.5 | 14,024 | 8 | 26 | 10 | 7 | 10 |
| | WOODRUFF | 11,566 | - 12.5 | 24.4 | 3,617 | 3 | 23 | 8 | 8 | 15 |
| | YELL | 14,208 | 16.8 | 23.2 | 5,323 | 10 | 25 | 5 | 5 | 13 |
| CA | CALIFORNIA | 19,971,069 | 5.8 | 90.9 | 7,992,168 | 5 | 21 | 8 | 8 | 17 |
| | ALAMEDA | 1,071,446 | 1.6 | 99.0 | 445,865 | 5 | 19 | 9 | 8 | 22 |
| | ALPINE | 484 | 64.5 | 0.0 | 217 | 14 | 4 | 11 | 17 | 40 |
| | AMADOR | 11,821 | 27.9 | 0.0 | 4,268 | 7 | 17 | 10 | 9 | 27 |
| | BUTTE | 101,969 | 17.5 | 63.8 | 35,199 | 6 | 9 | 13 | 8 | 21 |
| | CALAVERAS | 13,585 | 18.4 | 0.0 | 4,712 | 11 | 15 | 5 | 6 | 23 |
| | COLUSA | 12,430 | 2.2 | 30.9 | 4,768 | 5 | 3 | 6 | 8 | 20 |
| | CONTRA COSTA | 556,116 | 5.0 | 93.6 | 223,383 | 7 | 20 | 8 | 7 | 19 |
| | DEL NORTE | 14,580 | 7.2 | 38.9 | 5,458 | 4 | 27 | 8 | 8 | 20 |
| | EL DORADO | 43,833 | 35.1 | 41.8 | 18,069 | 8 | 8 | 6 | 16 | 19 |
| | FRESNO | 413,329 | 7.8 | 75.1 | 150,724 | 5 | 11 | 9 | 8 | 18 |
| | GLENN | 17,521 | 7.8 | 39.8 | 6,780 | 5 | 9 | 5 | 6 | 17 |
| | HUMBOLDT | 99,692 | 5.5 | 47.1 | 37,548 | 5 | 25 | 10 | 8 | 20 |
| | IMPERIAL | 74,492 | 12.8 | 67.8 | 25,257 | 5 | 6 | 8 | 7 | 21 |
| | INYO | 15,571 | 10.8 | 22.5 | 6,292 | 10 | 3 | 6 | 12 | 28 |
| | KERN | 330,234 | 4.1 | 80.2 | 117,390 | 6 | 7 | 8 | 7 | 20 |
| | KINGS | 66,717 | 2.2 | 54.9 | 19,326 | 3 | 9 | 10 | 6 | 21 |
| | LAKE | 19,548 | 29.9 | 29.9 | 6,350 | 11 | 5 | 6 | 13 | 18 |
| | LASSEN | 16,796 | 12.2 | 39.3 | 5,914 | 4 | 9 | 8 | 6 | 46 |
| | LOS ANGELES | 7,041,980 | - 1.4 | 98.7 | 3,014,116 | 4 | 27 | 6 | 9 | 14 |
| | MADERA | 41,519 | 11.6 | 49.1 | 13,641 | 5 | 9 | 8 | 8 | 17 |
| | MARIN | 208,652 | 3.5 | 92.4 | 84,557 | 5 | 9 | 9 | 9 | 18 |
| | MARIPOSA | 6,015 | 39.1 | 0.0 | 2,224 | 6 | 5 | 5 | 20 | 33 |
| | MENDOCINO | 51,101 | 12.7 | 34.5 | 18,632 | 5 | 23 | 6 | 7 | 22 |
| | MERCED | 104,629 | 13.1 | 50.0 | 33,966 | 5 | 10 | 9 | 6 | 21 |
| | MODOC | 7,469 | 7.4 | 39.3 | 3,092 | 5 | 8 | 6 | 7 | 28 |
| | MONO | 4,016 | 83.0 | 0.0 | 1,870 | 14 | 1 | 6 | 25 | 30 |
| | MONTEREY | 247,450 | 7.5 | 74.6 | 83,545 | 5 | 10 | 8 | 9 | 19 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| CA | NAPA | 79,140 | 14.2 | 57.9 | 30,244 | 6 | 19 | 10 | 7 | 31 |
| | NEVADA | 26,346 | 26.9 | 19.8 | 9,372 | 8 | 10 | 6 | 10 | 25 |
| | ORANGE | 1,421,233 | 20.3 | 98.8 | 575,570 | 6 | 28 | 7 | 7 | 13 |
| | PLACER | 77,632 | 17.2 | 40.5 | 28,953 | 7 | 8 | 8 | 8 | 28 |
| | PLUMAS | 11,707 | 19.7 | 29.6 | 4,719 | 4 | 17 | 9 | 7 | 26 |
| | RIVERSIDE | 456,916 | 14.7 | 78.6 | 160,890 | 6 | 15 | 10 | 9 | 19 |
| | SACRAMENTO | 634,373 | 8.5 | 95.1 | 244,280 | 6 | 9 | 8 | 7 | 35 |
| | SAN BENITO | 18,226 | 9.2 | 42.0 | 7,228 | 3 | 18 | 7 | 7 | 14 |
| | SAN BERNARDINO | 682,233 | 2.1 | 89.8 | 237,718 | 7 | 19 | 9 | 8 | 20 |
| | SAN DIEGO | 1,357,854 | 16.9 | 93.5 | 459,679 | 6 | 17 | 9 | 9 | 21 |
| | SAN FRANCISCO | 715,674 | - 6.5 | 0.0 | 340,075 | 3 | 11 | 5 | 11 | 19 |
| | SAN JOAQUIN | 291,073 | 2.9 | 76.9 | 110,524 | 5 | 15 | 7 | 7 | 21 |
| | SAN LUIS OBISPO | 105,690 | 23.1 | 75.5 | 38,202 | 7 | 5 | 13 | 9 | 29 |
| | SAN MATEO | 557,361 | 2.8 | 98.3 | 251,281 | 5 | 17 | 6 | 9 | 14 |
| | SANTA BARBARA | 264,324 | 5.8 | 88.5 | 101,425 | 5 | 12 | 12 | 11 | 21 |
| | SANTA CLARA | 1,065,313 | 10.1 | 97.5 | 434,254 | 5 | 30 | 9 | 8 | 14 |
| | SANTA CRUZ | 123,790 | 22.4 | 75.0 | 47,616 | 6 | 16 | 9 | 8 | 17 |
| | SHASTA | 77,640 | 14.2 | 49.6 | 29,110 | 7 | 17 | 9 | 9 | 21 |
| | SIERRA | 2,365 | 10.0 | 0.0 | 684 | 8 | 24 | 7 | 6 | 21 |
| | SISKIYOU | 33,225 | 5.3 | 25.4 | 12,543 | 6 | 22 | 7 | 7 | 19 |
| | SOLANO | 171,989 | 8.9 | 92.8 | 54,326 | 4 | 20 | 8 | 7 | 37 |
| | SONOMA | 204,885 | 19.9 | 58.6 | 73,113 | 6 | 12 | 8 | 8 | 20 |
| | STANISLAUS | 194,506 | 15.1 | 69.9 | 72,015 | 6 | 19 | 8 | 7 | 16 |
| | SUTTER | 41,935 | 9.9 | 52.6 | 15,519 | 8 | 7 | 8 | 6 | 22 |
| | TEHAMA | 29,517 | 8.7 | 38.3 | 10,906 | 5 | 25 | 7 | 7 | 17 |
| | TRINITY | 7,615 | 27.4 | 0.0 | 2,725 | 11 | 21 | 11 | 6 | 36 |
| | TULARE | 188,322 | 10.4 | 53.8 | 69,843 | 4 | 10 | 8 | 6 | 17 |
| | TUOLUMNE | 22,169 | 17.3 | 14.0 | 8,172 | 12 | 12 | 7 | 9 | 23 |
| | VENTURA | 378,497 | 15.7 | 92.4 | 140,163 | 6 | 17 | 6 | 6 | 21 |
| | YOLO | 91,788 | 10.1 | 75.4 | 36,334 | 5 | 8 | 22 | 7 | 36 |
| | YUBA | 44,736 | 0.5 | 71.4 | 11,122 | 9 | 10 | 8 | 8 | 24 |
| CO | COLORADO | 2,209,596 | 14.7 | 78.7 | 862,133 | 6 | 14 | 10 | 8 | 19 |
| | ADAMS | 185,789 | 15.6 | 93.7 | 72,007 | 7 | 19 | 6 | 7 | 14 |
| | ALAMOSA | 11,422 | 5.8 | 60.6 | 4,465 | 6 | 3 | 22 | 7 | 32 |
| | ARAPAHOE | 162,142 | 30.6 | 97.4 | 65,355 | 6 | 17 | 8 | 7 | 16 |
| | ARCHULETA | 2,733 | 15.0 | 0.0 | 910 | 11 | 23 | 12 | 6 | 24 |
| | BACA | 5,674 | - 0.3 | 0.0 | 2,220 | 7 | 0 | 13 | 6 | 21 |
| | BENT | 6,493 | 1.7 | 49.0 | 2,084 | 4 | 3 | 8 | 5 | 44 |
| | BOULDER | 131,889 | 26.2 | 77.8 | 54,880 | 5 | 21 | 18 | 8 | 25 |
| | CHAFFEE | 10,162 | 13.3 | 42.7 | 3,579 | 6 | 4 | 6 | 8 | 20 |
| | CHEYENNE | 2,396 | - 8.9 | 0.0 | 927 | 9 | 1 | 12 | 2 | 22 |
| | CLEAR CREEK | 4,819 | 8.5 | 0.0 | 2,074 | 18 | 6 | 5 | 10 | 16 |
| | CONEJOS | 7,846 | 2.2 | 0.0 | 2,043 | 7 | 6 | 16 | 5 | 28 |
| | COSTILLA | 3,091 | - 0.2 | 0.0 | 791 | 2 | 2 | 19 | 3 | 32 |
| | CROWLEY | 3,086 | 3.7 | 0.0 | 957 | 4 | 7 | 9 | 5 | 29 |
| | CUSTER | 1,120 | 4.0 | 0.0 | 411 | 5 | 8 | 6 | 2 | 20 |
| | DELTA | 15,286 | 11.9 | 24.1 | 5,231 | 7 | 9 | 6 | 6 | 18 |
| | DENVER | 514,678 | - 5.0 | 0.0 | 221,827 | 5 | 15 | 8 | 9 | 17 |
| | DOLORES | 1,641 | 4.6 | 0.0 | 567 | 4 | 7 | 6 | 4 | 23 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| CO | DOUGLAS | 8,407 | 86.7 | 0.0 | 3,311 | 12 | 16 | 10 | 6 | 19 |
| | EAGLE | 7,498 | 33.2 | 0.0 | 3,206 | 14 | 2 | 4 | 18 | 13 |
| | ELBERT | 3,903 | 37.6 | 0.0 | 1,547 | 8 | 7 | 9 | 6 | 20 |
| | EL PASO | 235,972 | 21.3 | 88.6 | 71,085 | 7 | 11 | 11 | 10 | 23 |
| | FREMONT | 21,942 | 16.5 | 67.7 | 6,831 | 8 | 17 | 6 | 8 | 21 |
| | GARFIELD | 14,821 | 17.1 | 27.7 | 6,167 | 11 | 2 | 7 | 11 | 15 |
| | GILPIN | 1,272 | 42.2 | 0.0 | 410 | 19 | 10 | 1 | 14 | 19 |
| | GRAND | 4,107 | 50.3 | 0.0 | 1,899 | 9 | 5 | 3 | 15 | 22 |
| | GUNNISON | 7,578 | 28.0 | 63.5 | 2,773 | 7 | 2 | 27 | 11 | 36 |
| | HINSDALE | 202 | 74.8 | 0.0 | 63 | 17 | 0 | 0 | 19 | 17 |
| | HUERFANO | 6,590 | -2.9 | 69.6 | 2,099 | 9 | 4 | 9 | 9 | 25 |
| | JACKSON | 1,811 | -2.2 | 0.0 | 708 | 8 | 12 | 6 | 2 | 23 |
| | JEFFERSON | 235,368 | 29.5 | 89.9 | 97,866 | 7 | 17 | 8 | 7 | 18 |
| | KIOWA | 2,029 | 5.7 | 0.0 | 758 | 3 | 5 | 10 | 4 | 26 |
| | KIT CARSON | 7,530 | 0.7 | 37.9 | 2,864 | 8 | 3 | 9 | 6 | 16 |
| | LAKE | 8,282 | -1.8 | 52.5 | 3,152 | 5 | 3 | 8 | 4 | 12 |
| | LA PLATA | 19,199 | 21.3 | 55.6 | 7,002 | 7 | 5 | 12 | 10 | 22 |
| | LARIMER | 89,900 | 34.5 | 66.3 | 36,043 | 7 | 15 | 20 | 7 | 27 |
| | LAS ANIMAS | 15,744 | -0.3 | 63.2 | 5,142 | 7 | 3 | 13 | 7 | 30 |
| | LINCOLN | 4,836 | 1.8 | 0.0 | 1,902 | 8 | 1 | 7 | 4 | 20 |
| | LOGAN | 18,852 | 0.4 | 57.3 | 7,156 | 4 | 7 | 12 | 6 | 15 |
| | MESA | 54,374 | 13.8 | 47.8 | 21,285 | 7 | 10 | 10 | 8 | 19 |
| | MINERAL | 786 | 2.0 | 0.0 | 319 | 4 | 1 | 8 | 6 | 22 |
| | MOFFAT | 6,525 | 25.8 | 67.8 | 2,639 | 11 | 1 | 8 | 10 | 24 |
| | MONTEZUMA | 12,952 | 15.9 | 47.5 | 4,343 | 9 | 7 | 9 | 8 | 22 |
| | MONTROSE | 18,366 | 9.4 | 35.4 | 6,660 | 7 | 5 | 7 | 5 | 20 |
| | MORGAN | 20,105 | 6.5 | 54.8 | 7,746 | 5 | 8 | 7 | 7 | 13 |
| | OTERO | 23,523 | 3.3 | 54.2 | 8,111 | 4 | 12 | 10 | 7 | 20 |
| | OURAY | 1,546 | 13.8 | 0.0 | 612 | 8 | 0 | 3 | 4 | 19 |
| | PARK | 2,185 | 66.9 | 0.0 | 822 | 11 | 9 | 6 | 10 | 20 |
| | PHILLIPS | 4,131 | 3.5 | 0.0 | 1,616 | 4 | 4 | 8 | 6 | 17 |
| | PITKIN | 6,185 | 44.2 | 0.0 | 3,060 | 9 | 2 | 3 | 18 | 9 |
| | PROWERS | 13,258 | 3.1 | 59.2 | 5,005 | 7 | 8 | 9 | 8 | 16 |
| | PUEBLO | 118,238 | 6.1 | 87.7 | 42,641 | 4 | 21 | 9 | 6 | 25 |
| | RIO BLANCO | 4,842 | 7.3 | 0.0 | 1,988 | 7 | 2 | 12 | 8 | 29 |
| | RIO GRANDE | 10,494 | 1.5 | 37.1 | 3,967 | 5 | 6 | 8 | 7 | 17 |
| | ROUTT | 6,592 | 50.6 | 0.0 | 2,613 | 9 | 3 | 11 | 10 | 20 |
| | SAGUACHE | 3,827 | 1.8 | 0.0 | 1,282 | 8 | 2 | 7 | 3 | 16 |
| | SAN JUAN | 831 | 1.2 | 0.0 | 302 | 6 | 0 | 16 | 8 | 21 |
| | SAN MIGUEL | 1,949 | 9.1 | 0.0 | 703 | 2 | 0 | 9 | 4 | 16 |
| | SEDGWICK | 3,405 | -3.2 | 0.0 | 1,386 | 4 | 3 | 5 | 6 | 16 |
| | SUMMIT | 2,665 | 104.1 | 0.0 | 1,301 | 12 | 1 | 7 | 11 | 16 |
| | TELLER | 3,316 | 73.4 | 0.0 | 1,202 | 15 | 9 | 9 | 3 | 22 |
| | WASHINGTON | 5,550 | -1.4 | 0.0 | 2,136 | 6 | 2 | 8 | 4 | 20 |
| | WELD | 89,297 | 20.6 | 46.5 | 34,807 | 7 | 14 | 13 | 6 | 19 |
| | YUMA | 8,544 | 0.6 | 0.0 | 3,275 | 6 | 2 | 8 | 6 | 16 |
| CT | CONNECTICUT | 3,032,217 | 2.1 | 77.3 | 1,298,483 | 5 | 34 | 8 | 6 | 13 |
| | FAIRFIELD | 792,814 | 0.1 | 86.2 | 340,097 | 5 | 35 | 7 | 7 | 11 |
| | HARTFORD | 816,737 | 0.7 | 84.9 | 363,832 | 5 | 33 | 7 | 5 | 13 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| CT | LITCHFIELD | 144,091 | 3.8 | 48.2 | 62,200 | 6 | 38 | 8 | 6 | 11 |
| | MIDDLESEX | 115,018 | 8.5 | 45.4 | 49,020 | 6 | 36 | 8 | 4 | 15 |
| | NEW HAVEN | 744,948 | 2.1 | 87.2 | 321,648 | 5 | 35 | 9 | 5 | 12 |
| | NEW LONDON | 230,654 | 4.3 | 52.1 | 83,230 | 6 | 34 | 8 | 5 | 18 |
| | TOLLAND | 103,440 | 8.4 | 41.3 | 41,996 | 6 | 32 | 15 | 4 | 21 |
| | WINDHAM | 84,515 | 7.1 | 38.2 | 36,490 | 6 | 43 | 10 | 4 | 15 |
| DE | DELAWARE | 548,104 | 5.7 | 72.1 | 219,155 | 7 | 29 | 8 | 8 | 15 |
| | KENT | 81,892 | 11.9 | 38.6 | 28,433 | 8 | 24 | 8 | 6 | 24 |
| | NEW CASTLE | 385,856 | 3.4 | 91.2 | 157,222 | 7 | 30 | 8 | 8 | 13 |
| | SUSSEX | 80,356 | 10.2 | 14.2 | 33,500 | 9 | 30 | 6 | 6 | 15 |
| DC | DISTRICT OF COLUMBIA | 756,668 | - 5.4 | 0.0 | 348,113 | 4 | 4 | 7 | 12 | 42 |
| | DISTRICT OF COLUMBIA | 756,668 | - 5.4 | 0.0 | 348,113 | 4 | 4 | 7 | 12 | 42 |
| FL | FLORIDA | 6,791,418 | 22.9 | 80.5 | 2,521,245 | 8 | 14 | 7 | 11 | 16 |
| | ALACHUA | 104,764 | 23.7 | 69.0 | 41,050 | 6 | 7 | 26 | 7 | 42 |
| | BAKER | 9,242 | 37.0 | 29.6 | 3,076 | 11 | 13 | 6 | 4 | 39 |
| | BAY | 75,283 | 17.8 | 76.4 | 25,659 | 8 | 12 | 8 | 12 | 22 |
| | BRADFORD | 14,625 | 13.1 | 33.3 | 4,985 | 7 | 13 | 7 | 6 | 28 |
| | BREVARD | 230,006 | 1.1 | 85.1 | 87,987 | 6 | 24 | 6 | 13 | 21 |
| | BROWARD | 620,100 | 39.1 | 99.0 | 236,682 | 11 | 11 | 5 | 13 | 12 |
| | CALHOUN | 7,624 | 6.0 | 0.0 | 2,576 | 10 | 19 | 11 | 8 | 29 |
| | CHARLOTTE | 27,559 | 54.8 | 59.1 | 7,052 | 14 | 5 | 5 | 11 | 13 |
| | CITRUS | 19,196 | 97.3 | 0.0 | 5,406 | 17 | 6 | 7 | 13 | 15 |
| | CLAY | 32,059 | 57.2 | 50.2 | 9,531 | 7 | 14 | 9 | 6 | 27 |
| | COLLIER | 38,040 | 64.0 | 66.1 | 14,270 | 14 | 3 | 6 | 13 | 11 |
| | COLUMBIA | 25,250 | 13.9 | 56.2 | 9,432 | 7 | 15 | 8 | 10 | 28 |
| | DADE | 1,267,792 | 13.5 | 98.4 | 533,132 | 6 | 14 | 6 | 13 | 11 |
| | DE SOTO | 13,069 | 33.0 | 43.3 | 4,539 | 6 | 7 | 4 | 5 | 31 |
| | DIXIE | 5,480 | 14.9 | 0.0 | 1,821 | 7 | 39 | 12 | 4 | 22 |
| | DUVAL | 528,865 | 7.9 | 97.9 | 199,101 | 7 | 12 | 6 | 10 | 17 |
| | ESCAMBIA | 205,334 | 7.8 | 83.9 | 67,561 | 8 | 17 | 8 | 10 | 24 |
| | FLAGLER | 4,454 | 44.8 | 0.0 | 1,458 | 7 | 12 | 7 | 15 | 20 |
| | FRANKLIN | 7,065 | 9.0 | 44.6 | 2,580 | 5 | 19 | 6 | 6 | 17 |
| | GADSDEN | 39,184 | - 5.4 | 41.6 | 12,940 | 6 | 10 | 6 | 7 | 24 |
| | GILCHRIST | 3,551 | 42.0 | 0.0 | 1,199 | 12 | 17 | 9 | 5 | 27 |
| | GLADES | 3,669 | 20.7 | 0.0 | 1,304 | 11 | 6 | 5 | 6 | 18 |
| | GULF | 10,096 | 1.0 | 43.6 | 3,454 | 5 | 36 | 9 | 8 | 18 |
| | HAMILTON | 7,787 | 5.4 | 0.0 | 2,596 | 6 | 14 | 9 | 7 | 18 |
| | HARDEE | 14,889 | 21.8 | 20.3 | 5,742 | 5 | 9 | 5 | 6 | 14 |
| | HENDRY | 11,859 | 28.3 | 32.9 | 4,683 | 11 | 13 | 6 | 9 | 17 |
| | HERNANDO | 17,004 | 67.5 | 23.9 | 5,521 | 10 | 5 | 6 | 7 | 17 |
| | HIGHLANDS | 29,507 | 39.0 | 47.2 | 9,828 | 6 | 6 | 6 | 8 | 15 |
| | HILLSBOROUGH | 490,265 | 19.5 | 61.2 | 188,262 | 6 | 17 | 7 | 9 | 14 |
| | HOLMES | 10,720 | 16.6 | 0.0 | 3,475 | 11 | 23 | 6 | 5 | 20 |
| | INDIAN RIVER | 35,992 | 27.8 | 69.6 | 12,902 | 9 | 11 | 7 | 11 | 17 |
| | JACKSON | 34,434 | 12.8 | 27.3 | 11,458 | 7 | 11 | 9 | 7 | 33 |
| | JEFFERSON | 8,778 | 7.3 | 0.0 | 3,094 | 7 | 10 | 10 | 8 | 26 |
| | LAFAYETTE | 2,892 | 10.5 | 0.0 | 936 | 14 | 20 | 8 | 3 | 14 |
| | LAKE | 69,305 | 27.9 | 43.4 | 23,977 | 7 | 11 | 8 | 9 | 13 |
| | LEE | 105,216 | 47.7 | 70.3 | 37,175 | 14 | 5 | 6 | 11 | 13 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| FL | LEON | 103,047 | 25.8 | 75.6 | 44,594 | 6 | 5 | 22 | 9 | 45 |
| | LEVY | 12,756 | 27.3 | 0.0 | 4,566 | 12 | 14 | 7 | 11 | 20 |
| | LIBERTY | 3,379 | 11.1 | 0.0 | 1,089 | 4 | 35 | 8 | 5 | 31 |
| | MADISON | 13,481 | 6.5 | 28.0 | 4,913 | 3 | 20 | 11 | 7 | 19 |
| | MANATEE | 97,115 | 26.4 | 71.4 | 29,579 | 8 | 14 | 6 | 11 | 13 |
| | MARION | 69,030 | 39.8 | 40.4 | 25,307 | 8 | 11 | 8 | 10 | 16 |
| | MARTIN | 28,035 | 64.0 | 16.8 | 9,209 | 12 | 17 | 6 | 14 | 11 |
| | MONROE | 52,586 | -2.3 | 71.2 | 15,525 | 8 | 3 | 5 | 14 | 25 |
| | NASSAU | 20,626 | 36.7 | 33.7 | 7,522 | 9 | 32 | 6 | 9 | 16 |
| | OKALOOSA | 88,187 | 17.9 | 62.0 | 23,250 | 7 | 9 | 10 | 11 | 33 |
| | OKEECHOBEE | 11,233 | 52.2 | 33.1 | 3,896 | 10 | 4 | 8 | 7 | 22 |
| | ORANGE | 344,311 | 19.7 | 83.2 | 133,058 | 8 | 14 | 7 | 10 | 14 |
| | OSCEOLA | 25,267 | 50.6 | 47.6 | 8,481 | 11 | 16 | 6 | 7 | 17 |
| | PALM BEACH | 348,993 | 31.8 | 91.1 | 135,744 | 9 | 15 | 6 | 12 | 12 |
| | PASCO | 75,955 | 66.7 | 33.8 | 19,137 | 12 | 17 | 6 | 7 | 11 |
| | PINELLAS | 522,329 | 25.0 | 96.1 | 171,027 | 6 | 13 | 6 | 12 | 13 |
| | POLK | 228,515 | 19.8 | 60.9 | 86,525 | 7 | 16 | 7 | 8 | 12 |
| | PUTNAM | 36,424 | 19.0 | 25.7 | 13,049 | 4 | 28 | 8 | 9 | 15 |
| | ST JOHNS | 31,035 | 25.2 | 40.2 | 10,990 | 7 | 13 | 8 | 12 | 19 |
| | ST LUCIE | 50,836 | 30.4 | 65.0 | 18,874 | 9 | 8 | 7 | 9 | 16 |
| | SANTA ROSA | 37,741 | 20.7 | 34.4 | 11,743 | 9 | 23 | 9 | 7 | 26 |
| | SARASOTA | 120,413 | 35.0 | 75.0 | 37,773 | 11 | 9 | 6 | 13 | 11 |
| | SEMINOLE | 83,692 | 61.2 | 61.9 | 31,805 | 9 | 15 | 6 | 9 | 13 |
| | SUMTER | 14,839 | 35.6 | 0.0 | 5,020 | 6 | 12 | 7 | 8 | 15 |
| | SUWANNEE | 15,559 | 17.2 | 43.9 | 5,703 | 7 | 13 | 8 | 7 | 19 |
| | TAYLOR | 13,641 | 1.1 | 56.5 | 5,023 | 6 | 37 | 7 | 9 | 17 |
| | UNION | 8,112 | 25.7 | 0.0 | 2,003 | 7 | 12 | 9 | 7 | 41 |
| | VOLUSIA | 169,487 | 23.8 | 70.4 | 58,394 | 8 | 10 | 8 | 13 | 14 |
| | WAKULLA | 6,308 | 43.7 | 0.0 | 2,375 | 12 | 14 | 5 | 8 | 23 |
| | WALTON | 16,087 | 8.8 | 30.9 | 5,072 | 12 | 15 | 8 | 7 | 28 |
| | WASHINGTON | 11,453 | 13.8 | 27.7 | 3,555 | 15 | 13 | 8 | 9 | 28 |
| GA | GEORGIA | 4,587,930 | 7.4 | 60.3 | 1,805,019 | 6 | 27 | 6 | 9 | 16 |
| | APPLING | 12,726 | 13.1 | 27.2 | 4,515 | 13 | 29 | 5 | 5 | 14 |
| | ATKINSON | 5,879 | -0.3 | 0.0 | 1,924 | 4 | 30 | 6 | 5 | 12 |
| | BACON | 8,233 | 10.3 | 44.3 | 3,274 | 6 | 26 | 4 | 6 | 10 |
| | BAKER | 3,875 | -4.4 | 0.0 | 1,080 | 4 | 21 | 3 | 6 | 19 |
| | BALDWIN | 34,240 | -2.8 | 75.5 | 10,725 | 4 | 21 | 9 | 8 | 44 |
| | BANKS | 6,833 | -1.4 | 0.0 | 2,670 | 12 | 43 | 4 | 4 | 16 |
| | BARROW | 16,859 | 14.0 | 38.9 | 7,157 | 7 | 43 | 4 | 7 | 9 |
| | BARTOW | 32,911 | 9.0 | 30.4 | 13,543 | 8 | 49 | 4 | 5 | 11 |
| | BEN HILL | 13,171 | 6.5 | 60.9 | 5,344 | 7 | 29 | 6 | 9 | 13 |
| | BERRIEN | 11,556 | 7.8 | 36.5 | 4,510 | 6 | 30 | 3 | 7 | 11 |
| | BIBB | 143,366 | -0.5 | 88.0 | 58,072 | 6 | 18 | 7 | 11 | 22 |
| | BLECKLEY | 10,291 | 1.7 | 49.7 | 3,940 | 5 | 20 | 13 | 7 | 35 |
| | BRANTLEY | 5,940 | 25.7 | 0.0 | 2,118 | 10 | 24 | 4 | 4 | 14 |
| | BROOKS | 13,743 | 1.5 | 35.1 | 4,999 | 3 | 19 | 7 | 9 | 13 |
| | BRYAN | 6,539 | 22.1 | 0.0 | 2,198 | 14 | 26 | 6 | 6 | 23 |
| | BULLOCH | 31,585 | 3.4 | 46.3 | 11,689 | 6 | 19 | 16 | 9 | 19 |
| | BURKE | 18,255 | -0.7 | 30.3 | 5,953 | 6 | 31 | 8 | 10 | 14 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| GA | BUTTS | 10,560 | 12.7 | 35.8 | 3,906 | 7 | 36 | 6 | 9 | 19 |
| | CALHOUN | 6,606 | - 0.5 | 0.0 | 2,161 | 4 | 21 | 5 | 13 | 13 |
| | CAMDEN | 11,334 | 5.3 | 29.7 | 4,359 | 5 | 47 | 5 | 7 | 10 |
| | CANDLER | 6,412 | 3.5 | 45.4 | 2,441 | 5 | 20 | 7 | 7 | 13 |
| | CARROLL | 45,404 | 16.0 | 38.3 | 19,152 | 8 | 42 | 10 | 6 | 13 |
| | CATOOSA | 28,271 | 14.0 | 46.4 | 11,541 | 6 | 43 | 4 | 5 | 7 |
| | CHARLTON | 5,680 | 15.1 | 0.0 | 2,015 | 3 | 28 | 6 | 11 | 15 |
| | CHATHAM | 187,816 | - 4.4 | 69.3 | 68,824 | 7 | 19 | 6 | 11 | 16 |
| | CHATTAHOOCHEE | 25,813 | - 35.3 | 72.8 | 713 | 9 | 11 | 6 | 13 | 36 |
| | CHATTOOGA | 20,541 | 8.1 | 24.6 | 6,691 | 4 | 65 | 3 | 4 | 7 |
| | CHEROKEE | 31,059 | 25.2 | 11.8 | 12,513 | 8 | 41 | 5 | 6 | 10 |
| | CLARKE | 65,177 | 13.3 | 68.0 | 26,118 | 4 | 15 | 29 | 9 | 36 |
| | CLAY | 3,636 | - 2.8 | 0.0 | 1,250 | 5 | 17 | 8 | 14 | 19 |
| | CLAYTON | 98,126 | 35.1 | 81.4 | 41,762 | 7 | 18 | 4 | 6 | 14 |
| | CLINCH | 6,405 | 3.1 | 47.7 | 2,287 | 5 | 44 | 3 | 5 | 10 |
| | COBB | 196,793 | 23.0 | 73.9 | 85,294 | 7 | 31 | 5 | 6 | 13 |
| | COFFEE | 22,828 | 8.6 | 44.7 | 9,313 | 5 | 27 | 7 | 6 | 14 |
| | COLQUITT | 32,298 | 4.1 | 44.4 | 12,397 | 5 | 29 | 5 | 7 | 11 |
| | COLUMBIA | 22,327 | 26.4 | 14.2 | 7,534 | 9 | 23 | 6 | 10 | 23 |
| | COOK | 12,129 | 1.6 | 40.7 | 4,736 | 4 | 32 | 5 | 6 | 10 |
| | COWETA | 32,310 | 12.3 | 34.7 | 13,255 | 7 | 40 | 6 | 9 | 11 |
| | CRAWFORD | 5,748 | 10.9 | 0.0 | 1,923 | 6 | 31 | 5 | 9 | 17 |
| | CRISP | 18,087 | 6.3 | 59.3 | 6,627 | 4 | 24 | 6 | 13 | 13 |
| | DADE | 9,910 | 18.2 | 0.0 | 3,618 | 8 | 48 | 6 | 4 | 10 |
| | DAWSON | 3,639 | 18.2 | 0.0 | 1,390 | 9 | 36 | 7 | 7 | 15 |
| | DECATUR | 22,310 | 8.9 | 48.8 | 8,192 | 4 | 23 | 5 | 11 | 13 |
| | DE KALB | 415,387 | 10.2 | 93.7 | 183,765 | 6 | 16 | 7 | 8 | 15 |
| | DODGE | 15,658 | 3.9 | 34.6 | 5,890 | 6 | 27 | 5 | 7 | 20 |
| | DOOLY | 10,404 | 3.2 | 0.0 | 3,482 | 5 | 18 | 7 | 10 | 17 |
| | DOUGHERTY | 89,639 | 1.4 | 85.5 | 31,962 | 7 | 19 | 6 | 11 | 19 |
| | DOUGLAS | 28,659 | 56.9 | 31.6 | 11,399 | 11 | 27 | 5 | 7 | 11 |
| | EARLY | 12,682 | 0.8 | 41.5 | 4,409 | 6 | 19 | 5 | 14 | 14 |
| | ECHOLS | 1,924 | 4.4 | 0.0 | 681 | 4 | 36 | 3 | 2 | 16 |
| | EFFINGHAM | 13,632 | 14.4 | 0.0 | 4,648 | 10 | 39 | 4 | 6 | 13 |
| | ELBERT | 17,262 | 3.0 | 37.3 | 6,888 | 5 | 41 | 4 | 9 | 10 |
| | EMANUEL | 18,357 | 7.3 | 40.1 | 6,958 | 7 | 34 | 6 | 6 | 14 |
| | EVANS | 7,290 | 11.3 | 35.5 | 2,733 | 6 | 21 | 5 | 8 | 14 |
| | FANNIN | 13,357 | 6.2 | 0.0 | 4,503 | 7 | 32 | 6 | 5 | 13 |
| | FAYETTE | 11,364 | 55.4 | 0.0 | 4,644 | 8 | 20 | 4 | 8 | 14 |
| | FLOYD | 73,742 | 4.6 | 49.6 | 30,476 | 6 | 37 | 8 | 7 | 11 |
| | FORSYTH | 16,928 | 27.5 | 0.0 | 7,128 | 12 | 31 | 4 | 6 | 10 |
| | FRANKLIN | 12,784 | 6.5 | 0.0 | 5,300 | 7 | 46 | 7 | 5 | 9 |
| | FULTON | 605,210 | - 3.5 | 93.3 | 265,329 | 5 | 17 | 7 | 12 | 16 |
| | GILMER | 8,956 | 14.2 | 0.0 | 3,492 | 5 | 52 | 5 | 3 | 9 |
| | GLASCOCK | 2,280 | 8.6 | 0.0 | 924 | 9 | 46 | 4 | 9 | 14 |
| | GLYNN | 50,528 | - 4.2 | 66.1 | 18,387 | 7 | 26 | 6 | 14 | 16 |
| | GORDON | 23,570 | 16.0 | 20.1 | 10,197 | 6 | 53 | 4 | 6 | 9 |
| | GRADY | 17,826 | 5.0 | 45.2 | 6,732 | 6 | 22 | 6 | 6 | 11 |
| | GREENE | 10,212 | 3.1 | 24.1 | 4,128 | 4 | 41 | 7 | 8 | 11 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| GA | GWINNETT | 72,349 | 60.2 | 26.6 | 29,917 | 10 | 32 | 4 | 6 | 12 |
| | HABERSHAM | 20,691 | 11.6 | 14.6 | 8,623 | 8 | 44 | 6 | 6 | 14 |
| | HALL | 59,405 | 12.1 | 26.1 | 25,079 | 7 | 37 | 5 | 6 | 11 |
| | HANCOCK | 9,019 | 4.3 | 0.0 | 3,028 | 8 | 35 | 7 | 11 | 22 |
| | HARALSON | 15,927 | 7.8 | 39.9 | 6,628 | 9 | 54 | 3 | 6 | 7 |
| | HARRIS | 11,520 | 5.3 | 6.0 | 4,195 | 6 | 32 | 5 | 14 | 11 |
| | HART | 15,814 | 4.3 | 30.8 | 6,101 | 8 | 48 | 3 | 8 | 7 |
| | HEARD | 5,354 | 10.3 | 0.0 | 2,011 | 9 | 52 | 5 | 5 | 11 |
| | HENRY | 23,724 | 21.0 | 11.3 | 8,935 | 10 | 23 | 3 | 11 | 17 |
| | HOUSTON | 62,924 | 12.4 | 65.5 | 21,407 | 6 | 9 | 6 | 8 | 49 |
| | IRWIN | 8,036 | 3.6 | 40.4 | 3,002 | 6 | 17 | 7 | 9 | 13 |
| | JACKSON | 21,093 | 11.1 | 17.6 | 9,006 | 7 | 43 | 5 | 7 | 10 |
| | JASPER | 5,760 | 15.3 | 0.0 | 2,179 | 6 | 36 | 5 | 11 | 17 |
| | JEFF DAVIS | 9,425 | 14.5 | 43.1 | 3,722 | 5 | 45 | 4 | 5 | 12 |
| | JEFFERSON | 17,174 | - 3.3 | 15.7 | 5,854 | 6 | 32 | 6 | 12 | 15 |
| | JENKINS | 8,332 | - 1.5 | 44.6 | 3,232 | 7 | 28 | 5 | 11 | 11 |
| | JOHNSON | 7,727 | - 0.7 | 0.0 | 2,952 | 9 | 38 | 4 | 8 | 10 |
| | JONES | 12,270 | 20.4 | 15.5 | 4,539 | 9 | 29 | 5 | 9 | 16 |
| | LAMAR | 10,688 | 6.9 | 46.2 | 4,147 | 7 | 45 | 8 | 8 | 12 |
| | LANIER | 5,031 | 1.3 | 55.8 | 1,587 | 8 | 21 | 5 | 8 | 16 |
| | LAURENS | 32,738 | 3.3 | 46.1 | 12,625 | 6 | 30 | 5 | 9 | 17 |
| | LEE | 7,044 | 34.5 | 0.0 | 2,488 | 9 | 14 | 6 | 10 | 18 |
| | LIBERTY | 17,569 | 15.3 | 48.7 | 3,959 | 4 | 18 | 6 | 14 | 25 |
| | LINCOLN | 5,895 | 0.1 | 0.0 | 2,208 | 10 | 41 | 6 | 8 | 13 |
| | LONG | 3,746 | - 11.6 | 0.0 | 1,163 | 6 | 20 | 9 | 8 | 30 |
| | LOWNDES | 55,112 | 12.7 | 59.0 | 19,969 | 6 | 22 | 8 | 10 | 17 |
| | LUMPKIN | 8,728 | 7.7 | 34.1 | 3,113 | 6 | 31 | 14 | 7 | 20 |
| | MC DUFFIE | 15,276 | 13.1 | 42.6 | 6,161 | 12 | 37 | 4 | 9 | 15 |
| | MC INTOSH | 7,371 | 10.8 | 0.0 | 2,480 | 9 | 35 | 9 | 2 | 19 |
| | MACON | 12,933 | 0.2 | 33.7 | 4,432 | 4 | 29 | 6 | 10 | 14 |
| | MADISON | 13,517 | 14.0 | 0.0 | 5,455 | 9 | 39 | 8 | 6 | 13 |
| | MARION | 5,099 | 14.4 | 0.0 | 1,765 | 7 | 27 | 9 | 10 | 24 |
| | MERIWETHER | 19,461 | 4.0 | 24.7 | 7,097 | 7 | 36 | 6 | 9 | 13 |
| | MILLER | 6,424 | - 4.7 | 0.0 | 2,249 | 4 | 15 | 5 | 10 | 16 |
| | MITCHELL | 18,956 | 0.7 | 49.0 | 7,002 | 5 | 26 | 5 | 8 | 13 |
| | MONROE | 10,991 | 8.7 | 34.0 | 4,507 | 6 | 35 | 5 | 13 | 15 |
| | MONTGOMERY | 6,099 | 3.2 | 0.7 | 2,395 | 7 | 36 | 7 | 5 | 11 |
| | MORGAN | 9,904 | 6.7 | 24.8 | 3,661 | 6 | 35 | 4 | 9 | 13 |
| | MURRAY | 12,986 | 24.0 | 20.8 | 5,303 | 7 | 54 | 5 | 5 | 9 |
| | MUSCOGEE | 0 | 0.0 | 0.0 | 0 | 6 | 0 | 7 | 11 | 21 |
| | NEWTON | 26,282 | 21.7 | 39.7 | 10,641 | 10 | 43 | 4 | 7 | 10 |
| | OCONEE | 7,915 | 15.8 | 0.0 | 3,067 | 6 | 29 | 13 | 8 | 20 |
| | OGLETHORPE | 7,598 | 4.2 | 0.0 | 2,912 | 11 | 31 | 9 | 10 | 14 |
| | PAULDING | 17,520 | 25.9 | 0.0 | 6,368 | 12 | 41 | 3 | 5 | 13 |
| | PEACH | 15,990 | 16.1 | 57.9 | 6,116 | 5 | 19 | 14 | 12 | 29 |
| | PICKENS | 9,620 | 7.0 | 0.0 | 3,831 | 5 | 51 | 5 | 5 | 11 |
| | PIERCE | 9,281 | 11.7 | 28.3 | 3,357 | 7 | 23 | 5 | 5 | 12 |
| | PIKE | 7,316 | 12.1 | 0.0 | 2,817 | 6 | 42 | 4 | 6 | 13 |
| | POLK | 29,656 | 6.3 | 44.2 | 11,739 | 6 | 48 | 4 | 7 | 11 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| GA | PULASKI | 8,066 | -0.9 | 48.9 | 2,977 | 7 | 21 | 4 | 13 | 21 |
| | PUTNAM | 8,394 | 3.6 | 50.4 | 3,487 | 6 | 41 | 7 | 6 | 15 |
| | QUITMAN | 2,180 | -8.4 | 0.0 | 635 | 9 | 21 | 4 | 12 | 16 |
| | RABUN | 8,327 | 11.8 | 0.0 | 3,416 | 9 | 37 | 6 | 8 | 13 |
| | RANDOLPH | 8,734 | -0.5 | 39.6 | 2,982 | 3 | 19 | 7 | 15 | 12 |
| | RICHMOND | 162,437 | -5.5 | 87.6 | 51,553 | 6 | 21 | 7 | 10 | 24 |
| | ROCKDALE | 18,152 | 49.7 | 26.3 | 7,324 | 12 | 33 | 4 | 5 | 12 |
| | SCHLEY | 3,097 | -5.2 | 0.0 | 1,006 | 2 | 31 | 7 | 11 | 20 |
| | SCREVEN | 12,591 | -0.6 | 26.4 | 4,782 | 4 | 28 | 4 | 12 | 11 |
| | SEMINOLE | 7,059 | 11.3 | 39.7 | 2,486 | 8 | 20 | 4 | 9 | 10 |
| | SPALDING | 39,514 | 10.7 | 57.8 | 16,965 | 5 | 39 | 5 | 8 | 13 |
| | STEPHENS | 20,331 | 8.6 | 33.0 | 9,141 | 7 | 50 | 6 | 6 | 8 |
| | STEWART | 6,511 | -13.8 | 0.0 | 2,077 | 6 | 21 | 11 | 13 | 24 |
| | SUMTER | 26,931 | 3.0 | 58.7 | 9,836 | 4 | 27 | 9 | 11 | 16 |
| | TALBOT | 6,625 | -3.6 | 2.2 | 2,110 | 6 | 40 | 8 | 11 | 16 |
| | TALIAFERRO | 2,423 | -1.0 | 0.0 | 857 | 7 | 39 | 5 | 8 | 21 |
| | TATTNALL | 16,557 | -1.8 | 18.0 | 4,936 | 7 | 19 | 4 | 8 | 21 |
| | TAYLOR | 7,865 | 1.6 | 0.0 | 2,941 | 12 | 22 | 6 | 10 | 20 |
| | TELFAIR | 11,394 | -3.4 | 28.2 | 4,339 | 6 | 27 | 8 | 8 | 14 |
| | TERRELL | 11,416 | -3.8 | 50.5 | 4,019 | 6 | 27 | 6 | 11 | 10 |
| | THOMAS | 34,562 | 6.2 | 52.6 | 12,911 | 6 | 24 | 5 | 10 | 15 |
| | TIFT | 27,288 | 10.6 | 44.6 | 10,858 | 7 | 21 | 6 | 9 | 18 |
| | TOOMBS | 19,151 | 9.0 | 69.1 | 7,258 | 8 | 30 | 4 | 8 | 10 |
| | TOWNS | 4,565 | 7.8 | 0.0 | 1,582 | 18 | 20 | 13 | 6 | 20 |
| | TREUTLEN | 5,647 | 5.8 | 43.6 | 2,118 | 14 | 30 | 9 | 8 | 25 |
| | TROUP | 44,466 | 0.4 | 67.5 | 18,363 | 5 | 45 | 5 | 9 | 10 |
| | TURNER | 8,790 | -1.5 | 46.1 | 3,585 | 5 | 29 | 5 | 11 | 11 |
| | TWIGGS | 8,222 | -5.0 | 0.0 | 2,473 | 6 | 23 | 4 | 11 | 17 |
| | UNION | 6,811 | 17.5 | 0.0 | 2,344 | 12 | 33 | 8 | 4 | 18 |
| | UPSON | 23,505 | 2.7 | 42.6 | 10,393 | 6 | 52 | 3 | 9 | 10 |
| | WALKER | 50,691 | 7.4 | 42.8 | 20,496 | 5 | 52 | 4 | 5 | 8 |
| | WALTON | 23,404 | 22.7 | 35.3 | 9,900 | 10 | 43 | 3 | 7 | 11 |
| | WARE | 33,525 | 6.3 | 65.5 | 12,600 | 5 | 20 | 6 | 8 | 15 |
| | WARREN | 6,669 | -8.8 | 0.0 | 2,180 | 7 | 37 | 3 | 8 | 12 |
| | WASHINGTON | 17,480 | -3.2 | 31.7 | 6,229 | 7 | 22 | 5 | 12 | 16 |
| | WAYNE | 17,858 | 6.9 | 50.2 | 6,703 | 7 | 33 | 6 | 10 | 14 |
| | WEBSTER | 2,362 | -2.7 | 0.0 | 717 | 4 | 26 | 9 | 8 | 20 |
| | WHEELER | 4,596 | 2.5 | 0.0 | 1,787 | 6 | 33 | 7 | 6 | 16 |
| | WHITE | 7,742 | 9.1 | 0.0 | 3,120 | 8 | 42 | 8 | 4 | 12 |
| | WHITFIELD | 55,108 | 7.9 | 34.2 | 23,973 | 5 | 56 | 4 | 6 | 7 |
| | WILCOX | 6,998 | -3.1 | 0.0 | 2,281 | 4 | 28 | 6 | 6 | 23 |
| | WILKES | 10,184 | 0.0 | 39.4 | 4,115 | 5 | 33 | 5 | 11 | 12 |
| | WILKINSON | 9,393 | 4.3 | 25.8 | 3,427 | 3 | 18 | 4 | 8 | 21 |
| | WORTH | 14,770 | 11.6 | 27.1 | 5,258 | 5 | 25 | 5 | 7 | 15 |
| | COLUMBUS CITY | 167,377 | 4.7 | 98.2 | 57,273 | 0 | 20 | 0 | 0 | 0 |
| HI | HAWAII | 769,913 | 12.3 | 83.0 | 294,484 | 9 | 10 | 8 | 10 | 24 |
| | HAWAII | 63,468 | 17.7 | 41.5 | 25,889 | 10 | 15 | 7 | 12 | 18 |
| | HONOLULU | 630,528 | 11.7 | 93.0 | 237,338 | 9 | 10 | 8 | 9 | 26 |
| | KALAWAO | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| HI | KAUAI | 29,761 | 6.9 | 23.2 | 12,447 | 6 | 11 | 4 | 15 | 16 |
| | MAUI | 46,156 | 16.7 | 42.4 | 18,810 | 7 | 13 | 6 | 13 | 17 |
| ID | IDAHO | 713,015 | 15.2 | 54.3 | 271,593 | 6 | 14 | 8 | 8 | 17 |
| | ADA | 112,230 | 22.3 | 76.1 | 46,554 | 6 | 10 | 7 | 9 | 19 |
| | ADAMS | 2,877 | 17.0 | 0.0 | 1,147 | 4 | 17 | 8 | 6 | 27 |
| | BANNOCK | 52,200 | 8.3 | 82.6 | 20,425 | 5 | 13 | 11 | 7 | 19 |
| | BEAR LAKE | 5,801 | 8.5 | 46.4 | 1,999 | 4 | 8 | 6 | 6 | 14 |
| | BENEWAH | 6,230 | 9.8 | 39.5 | 2,160 | 4 | 26 | 7 | 4 | 21 |
| | BINGHAM | 29,167 | 10.7 | 38.6 | 10,536 | 6 | 17 | 8 | 8 | 20 |
| | BLAINE | 5,749 | 39.8 | 0.0 | 2,699 | 8 | 4 | 4 | 25 | 13 |
| | BOISE | 1,763 | 30.0 | 0.0 | 665 | 4 | 35 | 6 | 4 | 21 |
| | BONNER | 15,560 | 30.4 | 27.3 | 5,533 | 7 | 20 | 7 | 6 | 19 |
| | BONNEVILLE | 52,457 | 10.8 | 69.8 | 18,714 | 6 | 11 | 5 | 18 | 13 |
| | BOUNDARY | 5,484 | 27.6 | 43.9 | 2,152 | 7 | 21 | 7 | 7 | 22 |
| | BUTTE | 2,925 | 9.8 | 0.0 | 1,103 | 11 | 9 | 10 | 7 | 18 |
| | CAMAS | 728 | 17.9 | 0.0 | 222 | 5 | 4 | 16 | 8 | 36 |
| | CANYON | 61,288 | 18.5 | 57.1 | 24,311 | 5 | 18 | 8 | 6 | 11 |
| | CARIBOU | 6,534 | 15.1 | 45.7 | 2,478 | 6 | 13 | 8 | 5 | 16 |
| | CASSIA | 17,017 | 10.1 | 47.5 | 6,685 | 3 | 22 | 5 | 6 | 10 |
| | CLARK | 741 | 30.2 | 0.0 | 320 | 4 | 1 | 8 | 10 | 29 |
| | CLEARWATER | 10,871 | -12.2 | 35.6 | 4,101 | 19 | 24 | 6 | 4 | 22 |
| | CUSTER | 2,967 | 11.9 | 0.0 | 1,139 | 4 | 2 | 5 | 7 | 25 |
| | ELMORE | 17,479 | 13.4 | 71.9 | 3,989 | 6 | 3 | 11 | 7 | 30 |
| | FRANKLIN | 7,373 | 10.3 | 45.7 | 2,413 | 4 | 10 | 9 | 5 | 14 |
| | FREMONT | 8,710 | 13.8 | 32.1 | 3,143 | 4 | 7 | 7 | 6 | 15 |
| | GEM | 9,387 | 13.7 | 42.0 | 3,353 | 6 | 23 | 6 | 4 | 12 |
| | GOODING | 8,645 | 21.0 | 30.6 | 3,416 | 5 | 5 | 8 | 4 | 18 |
| | IDAHO | 12,891 | 2.1 | 29.0 | 4,632 | 6 | 23 | 8 | 4 | 20 |
| | JEFFERSON | 11,740 | 12.4 | 0.0 | 4,382 | 7 | 14 | 5 | 6 | 14 |
| | JEROME | 10,253 | 36.7 | 41.6 | 4,086 | 5 | 11 | 5 | 8 | 11 |
| | KOOTENAI | 35,332 | 32.4 | 45.9 | 13,006 | 8 | 22 | 7 | 8 | 16 |
| | LATAH | 24,898 | 11.9 | 56.6 | 9,614 | 4 | 10 | 30 | 6 | 38 |
| | LEMHI | 5,566 | 14.6 | 52.3 | 1,880 | 5 | 8 | 7 | 5 | 19 |
| | LEWIS | 3,867 | 12.6 | 0.0 | 1,424 | 4 | 17 | 8 | 5 | 16 |
| | LINCOLN | 3,057 | 14.2 | 0.0 | 1,059 | 12 | 4 | 9 | 3 | 27 |
| | MADISON | 13,452 | 27.0 | 64.8 | 4,937 | 4 | 10 | 25 | 5 | 12 |
| | MINIDOKA | 15,731 | 15.8 | 30.0 | 6,260 | 4 | 25 | 6 | 4 | 12 |
| | NEZ PERCE | 30,376 | 2.6 | 65.8 | 11,733 | 8 | 20 | 7 | 7 | 15 |
| | ONEIDA | 2,864 | 4.5 | 0.0 | 1,127 | 5 | 10 | 7 | 8 | 15 |
| | OWYHEE | 6,422 | 15.9 | 0.0 | 2,395 | 3 | 12 | 10 | 3 | 20 |
| | PAYETTE | 12,401 | 16.0 | 36.7 | 4,934 | 5 | 22 | 7 | 7 | 10 |
| | POWER | 4,864 | 11.1 | 65.7 | 1,837 | 5 | 18 | 7 | 6 | 17 |
| | SHOSHONE | 19,718 | -5.6 | 20.6 | 7,336 | 3 | 14 | 4 | 4 | 11 |
| | TETON | 2,351 | 4.8 | 0.0 | 748 | 4 | 4 | 8 | 8 | 15 |
| | TWIN FALLS | 41,807 | 11.6 | 59.4 | 16,774 | 5 | 11 | 6 | 7 | 13 |
| | VALLEY | 3,609 | 22.9 | 0.0 | 1,432 | 6 | 20 | 9 | 9 | 24 |
| | WASHINGTON | 7,633 | 10.5 | 58.0 | 2,740 | 6 | 11 | 9 | 4 | 17 |
| | YELLOWSTONE NAT. PARK | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IL | ILLINOIS | 11,113,797 | 0.3 | 83.0 | 4,591,634 | 5 | 30 | 7 | 6 | 13 |

| STATE | COUNTY | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| IL | ADAMS | 70,861 | - 1.2 | 63.9 | 28,553 | 4 | 28 | 6 | 6 | 8 |
| | ALEXANDER | 12,015 | - 2.1 | 52.2 | 4,144 | 5 | 15 | 7 | 8 | 17 |
| | BOND | 14,012 | 3.7 | 32.2 | 5,329 | 8 | 19 | 12 | 8 | 12 |
| | BOONE | 25,440 | 4.2 | 55.3 | 11,179 | 3 | 46 | 6 | 4 | 8 |
| | BROWN | 5,586 | - 4.2 | 0.0 | 2,062 | 9 | 12 | 4 | 6 | 11 |
| | BUREAU | 38,541 | - 5.5 | 32.5 | 15,752 | 6 | 28 | 7 | 5 | 12 |
| | CALHOUN | 5,675 | - 3.1 | 0.0 | 1,981 | 11 | 12 | 6 | 4 | 15 |
| | CARROLL | 19,276 | - 0.1 | 25.1 | 7,771 | 4 | 20 | 7 | 4 | 18 |
| | CASS | 14,219 | - 2.7 | 43.3 | 5,439 | 6 | 20 | 5 | 6 | 15 |
| | CHAMPAIGN | 163,281 | 0.1 | 77.0 | 63,922 | 5 | 8 | 30 | 6 | 38 |
| | CHRISTIAN | 35,948 | 1.1 | 47.6 | 13,619 | 5 | 22 | 6 | 5 | 12 |
| | CLARK | 16,216 | - 0.2 | 41.1 | 6,183 | 7 | 19 | 7 | 6 | 15 |
| | CLAY | 14,735 | 2.3 | 34.3 | 5,410 | 5 | 22 | 5 | 4 | 12 |
| | CLINTON | 28,315 | 3.9 | 27.0 | 10,000 | 7 | 20 | 7 | 5 | 16 |
| | COLES | 47,815 | - 0.1 | 75.0 | 20,054 | 6 | 22 | 16 | 6 | 24 |
| | COOK | 5,493,766 | - 2.3 | 99.7 | 2,355,804 | 4 | 31 | 6 | 7 | 11 |
| | CRAWFORD | 19,824 | - 2.2 | 36.5 | 7,836 | 6 | 30 | 5 | 6 | 11 |
| | CUMBERLAND | 9,772 | 4.1 | 0.0 | 3,595 | 7 | 25 | 7 | 6 | 15 |
| | DE KALB | 71,654 | - 0.5 | 68.1 | 31,290 | 4 | 27 | 22 | 5 | 26 |
| | DE WITT | 16,975 | - 0.7 | 44.6 | 7,036 | 5 | 24 | 7 | 5 | 12 |
| | DOUGLAS | 18,997 | - 2.5 | 33.5 | 7,330 | 7 | 23 | 8 | 6 | 16 |
| | DU PAGE | 490,478 | 10.5 | 95.3 | 203,584 | 6 | 28 | 7 | 6 | 9 |
| | EDGAR | 21,591 | - 1.0 | 46.1 | 8,467 | 9 | 24 | 5 | 7 | 12 |
| | EDWARDS | 7,090 | 3.5 | 0.0 | 2,668 | 4 | 26 | 3 | 5 | 10 |
| | EFFINGHAM | 24,608 | 11.3 | 38.4 | 9,142 | 7 | 18 | 6 | 7 | 13 |
| | FAYETTE | 20,752 | - 1.3 | 24.9 | 7,390 | 7 | 15 | 5 | 7 | 18 |
| | FORD | 16,382 | - 9.2 | 47.5 | 6,363 | 7 | 18 | 7 | 5 | 20 |
| | FRANKLIN | 38,329 | 6.6 | 48.9 | 13,080 | 7 | 18 | 6 | 7 | 13 |
| | FULTON | 41,900 | 1.5 | 47.4 | 15,800 | 4 | 31 | 6 | 5 | 9 |
| | GALLATIN | 7,418 | - 3.2 | 0.0 | 2,506 | 6 | 17 | 6 | 7 | 14 |
| | GREENE | 17,014 | - 2.7 | 33.7 | 6,174 | 5 | 24 | 6 | 4 | 13 |
| | GRUNDY | 26,535 | 3.5 | 42.0 | 10,934 | 8 | 37 | 4 | 4 | 12 |
| | HAMILTON | 8,665 | - 4.7 | 33.1 | 3,010 | 5 | 19 | 8 | 6 | 17 |
| | HANCOCK | 23,664 | - 7.6 | 26.5 | 9,132 | 6 | 21 | 8 | 7 | 10 |
| | HARDIN | 4,914 | 2.6 | 0.0 | 1,606 | 6 | 9 | 8 | 7 | 21 |
| | HENDERSON | 8,451 | - 2.6 | 0.0 | 3,356 | 5 | 27 | 7 | 4 | 14 |
| | HENRY | 53,217 | 3.5 | 51.7 | 20,961 | 5 | 28 | 6 | 6 | 11 |
| | IROQUOIS | 33,532 | - 2.7 | 15.3 | 12,881 | 5 | 22 | 6 | 6 | 11 |
| | JACKSON | 55,008 | - 5.6 | 59.6 | 20,670 | 5 | 12 | 30 | 6 | 38 |
| | JASPER | 10,741 | 3.1 | 28.2 | 3,825 | 6 | 17 | 7 | 5 | 13 |
| | JEFFERSON | 31,848 | 6.0 | 51.1 | 11,648 | 6 | 19 | 6 | 7 | 13 |
| | JERSEY | 18,492 | 5.1 | 40.0 | 6,783 | 5 | 28 | 13 | 6 | 11 |
| | JO DAVIESS | 21,766 | 1.4 | 29.1 | 8,577 | 5 | 26 | 5 | 4 | 10 |
| | JOHNSON | 7,550 | 14.7 | 0.0 | 2,623 | 13 | 14 | 7 | 4 | 31 |
| | KANE | 251,005 | 6.3 | 87.5 | 107,894 | 5 | 38 | 6 | 5 | 10 |
| | KANKAKEE | 97,250 | - 1.4 | 53.6 | 37,503 | 5 | 34 | 6 | 6 | 16 |
| | KENDALL | 26,374 | 15.1 | 48.1 | 11,242 | 5 | 43 | 5 | 3 | 10 |
| | KNOX | 60,939 | 0.3 | 70.2 | 25,458 | 4 | 27 | 8 | 6 | 13 |
| | LAKE | 382,638 | 3.7 | 81.4 | 143,466 | 6 | 32 | 7 | 7 | 13 |

| STATE AND COUNTY | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|
| IL LA SALLE | 111,409 | - 2.7 | 64.6 | 44,659 | 5 | 39 | 5 | 4 | 9 |
| LAWRENCE | 17,522 | - 1.7 | 33.5 | 6,440 | 7 | 18 | 7 | 6 | 13 |
| LEE | 37,947 | - 6.3 | 47.8 | 14,520 | 6 | 22 | 9 | 4 | 22 |
| LIVINGSTON | 40,690 | 0.4 | 40.0 | 15,522 | 6 | 26 | 6 | 5 | 12 |
| LOGAN | 33,538 | - 9.0 | 52.3 | 13,452 | 4 | 20 | 11 | 5 | 21 |
| MC DONOUGH | 36,653 | 7.5 | 64.1 | 14,952 | 5 | 13 | 21 | 6 | 28 |
| MC HENRY | 111,555 | 11.4 | 51.6 | 46,534 | 8 | 35 | 7 | 5 | 9 |
| MC LEAN | 104,389 | 11.7 | 66.2 | 45,432 | 4 | 16 | 16 | 5 | 19 |
| MACON | 125,010 | 1.9 | 79.8 | 51,691 | 4 | 33 | 6 | 7 | 10 |
| MACOUPIN | 44,557 | 3.8 | 38.3 | 16,349 | 6 | 23 | 6 | 5 | 13 |
| MADISON | 250,911 | - 1.3 | 71.7 | 98,846 | 5 | 35 | 8 | 5 | 15 |
| MARION | 38,986 | 2.6 | 50.2 | 14,742 | 6 | 22 | 5 | 6 | 13 |
| MARSHALL | 13,302 | - 1.4 | 19.6 | 5,091 | 4 | 30 | 6 | 5 | 8 |
| MASON | 16,180 | 11.0 | 43.8 | 6,290 | 6 | 24 | 7 | 4 | 15 |
| MASSAC | 13,889 | - 1.0 | 50.0 | 5,185 | 7 | 22 | 6 | 7 | 16 |
| MENARD | 9,685 | 10.2 | 28.2 | 3,859 | 6 | 12 | 6 | 7 | 21 |
| MERCER | 17,294 | 0.2 | 19.8 | 6,549 | 6 | 22 | 7 | 6 | 12 |
| MONROE | 18,831 | - 1.2 | 46.5 | 7,064 | 6 | 20 | 5 | 4 | 11 |
| MONTGOMERY | 30,260 | 0.4 | 46.9 | 11,198 | 8 | 17 | 6 | 6 | 14 |
| MORGAN | 36,174 | - 1.7 | 65.0 | 14,674 | 5 | 19 | 12 | 7 | 17 |
| MOULTRIE | 13,263 | 2.0 | 31.0 | 5,300 | 5 | 35 | 5 | 5 | 10 |
| OGLE | 42,867 | - 1.2 | 42.2 | 17,917 | 5 | 41 | 7 | 4 | 10 |
| PEORIA | 195,318 | 1.2 | 83.9 | 79,922 | 5 | 31 | 7 | 7 | 10 |
| PERRY | 19,757 | 2.6 | 50.7 | 7,338 | 6 | 28 | 6 | 4 | 12 |
| PIATT | 15,509 | 2.8 | 25.8 | 6,127 | 6 | 24 | 10 | 6 | 15 |
| PIKE | 19,185 | - 0.6 | 23.3 | 7,574 | 8 | 18 | 5 | 5 | 9 |
| POPE | 3,857 | 11.4 | 0.0 | 1,064 | 14 | 11 | 7 | 4 | 30 |
| PULASKI | 8,741 | - 2.1 | 0.0 | 2,666 | 5 | 17 | 10 | 10 | 20 |
| PUTNAM | 5,007 | 9.5 | 0.0 | 1,941 | 6 | 31 | 7 | 4 | 9 |
| RANDOLPH | 31,379 | 3.5 | 38.8 | 11,609 | 8 | 28 | 5 | 3 | 13 |
| RICHLAND | 16,829 | 2.1 | 53.4 | 6,508 | 5 | 22 | 7 | 6 | 12 |
| ROCK ISLAND | 166,734 | - 1.2 | 65.8 | 68,382 | 5 | 35 | 6 | 6 | 15 |
| ST CLAIR | 285,591 | - 2.1 | 83.2 | 102,218 | 5 | 24 | 6 | 7 | 15 |
| SALINE | 25,721 | 2.8 | 52.1 | 8,630 | 7 | 9 | 9 | 6 | 19 |
| SANGAMON | 161,335 | 4.6 | 78.0 | 70,237 | 7 | 14 | 6 | 7 | 25 |
| SCHUYLER | 8,135 | - 1.6 | 40.8 | 3,157 | 7 | 14 | 6 | 6 | 17 |
| SCOTT | 6,096 | - 0.6 | 0.0 | 2,398 | 4 | 14 | 7 | 4 | 14 |
| SHELBY | 22,589 | 1.3 | 20.6 | 8,012 | 8 | 26 | 6 | 6 | 13 |
| STARK | 7,510 | - 5.0 | 0.0 | 2,842 | 6 | 24 | 8 | 5 | 13 |
| STEPHENSON | 48,861 | - 2.2 | 56.8 | 21,489 | 4 | 39 | 5 | 4 | 7 |
| TAZEWELL | 118,649 | 4.6 | 75.2 | 48,379 | 5 | 39 | 6 | 5 | 9 |
| UNION | 16,071 | - 0.6 | 29.6 | 6,079 | 8 | 18 | 7 | 5 | 29 |
| VERMILION | 97,047 | - 0.5 | 62.0 | 38,793 | 5 | 37 | 6 | 5 | 12 |
| WABASH | 12,841 | 2.7 | 63.7 | 5,172 | 5 | 23 | 6 | 5 | 11 |
| WARREN | 21,595 | - 2.1 | 51.0 | 8,662 | 5 | 22 | 10 | 5 | 12 |
| WASHINGTON | 13,780 | 6.6 | 22.0 | 5,299 | 4 | 17 | 6 | 5 | 14 |
| WAYNE | 17,004 | 0.0 | 35.2 | 6,673 | 4 | 25 | 5 | 5 | 12 |
| WHITE | 17,312 | - 5.9 | 35.8 | 6,713 | 6 | 15 | 6 | 8 | 12 |
| WHITESIDE | 62,877 | 0.2 | 54.7 | 25,394 | 5 | 39 | 6 | 6 | 11 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| IL | WILL | 247,825 | 15.8 | 72.0 | 96,871 | 6 | 36 | 6 | 5 | 13 |
| | WILLIAMSON | 49,021 | 6.3 | 57.2 | 18,153 | 7 | 21 | 10 | 6 | 20 |
| | WINNEBAGO | 246,623 | - 0.9 | 84.6 | 105,317 | 4 | 45 | 5 | 6 | 8 |
| | WOODFORD | 28,012 | 5.1 | 10.7 | 10,715 | 6 | 29 | 8 | 4 | 9 |
| IN | INDIANA | 5,195,610 | 2.2 | 64.9 | 2,103,434 | 5 | 35 | 7 | 6 | 12 |
| | ADAMS | 26,871 | 1.6 | 42.0 | 10,772 | 5 | 44 | 5 | 4 | 8 |
| | ALLEN | 280,455 | 3.6 | 80.5 | 117,922 | 4 | 33 | 6 | 6 | 10 |
| | BARTHOLOMEW | 57,022 | 4.1 | 48.6 | 22,845 | 4 | 45 | 6 | 6 | 12 |
| | BENTON | 11,262 | - 5.2 | 22.3 | 4,253 | 6 | 18 | 9 | 5 | 14 |
| | BLACKFORD | 15,888 | - 0.2 | 52.8 | 6,423 | 3 | 46 | 6 | 4 | 11 |
| | BOONE | 30,870 | 4.5 | 31.6 | 12,569 | 6 | 29 | 6 | 6 | 11 |
| | BROWN | 9,057 | 6.7 | 0.0 | 3,408 | 9 | 31 | 9 | 8 | 16 |
| | CARROLL | 17,734 | - 0.6 | 15.2 | 7,361 | 6 | 31 | 5 | 6 | 10 |
| | CASS | 40,456 | - 2.1 | 47.6 | 16,650 | 5 | 34 | 5 | 6 | 14 |
| | CLARK | 75,876 | 9.3 | 68.4 | 32,077 | 4 | 41 | 5 | 5 | 15 |
| | CLAY | 23,933 | 1.3 | 34.0 | 8,961 | 6 | 29 | 6 | 5 | 14 |
| | CLINTON | 30,547 | - 1.3 | 48.8 | 12,605 | 6 | 35 | 7 | 5 | 12 |
| | CRAWFORD | 8,033 | 7.2 | 0.0 | 2,834 | 11 | 35 | 6 | 4 | 19 |
| | DAVIESS | 26,602 | - 3.5 | 42.7 | 10,204 | 6 | 23 | 6 | 6 | 23 |
| | DEARBORN | 29,430 | 6.1 | 43.2 | 10,857 | 7 | 42 | 5 | 4 | 10 |
| | DECATUR | 22,738 | 2.4 | 38.2 | 8,860 | 5 | 34 | 6 | 4 | 10 |
| | DE KALB | 30,837 | 3.6 | 39.1 | 12,648 | 3 | 44 | 5 | 5 | 9 |
| | DELAWARE | 129,219 | 0.0 | 70.0 | 52,063 | 4 | 37 | 13 | 6 | 15 |
| | DUBOIS | 30,934 | 2.8 | 43.3 | 11,876 | 6 | 41 | 5 | 6 | 7 |
| | ELKHART | 126,529 | 4.8 | 62.5 | 55,328 | 3 | 48 | 6 | 5 | 7 |
| | FAYETTE | 26,216 | 5.4 | 67.2 | 10,772 | 3 | 50 | 5 | 6 | 9 |
| | FLOYD | 55,622 | 1.0 | 69.0 | 22,898 | 5 | 37 | 5 | 6 | 13 |
| | FOUNTAIN | 18,257 | 0.3 | 37.2 | 7,158 | 6 | 40 | 6 | 7 | 11 |
| | FRANKLIN | 16,943 | 3.0 | 18.1 | 6,003 | 6 | 42 | 5 | 4 | 9 |
| | FULTON | 16,984 | 1.1 | 27.3 | 6,965 | 7 | 34 | 6 | 6 | 8 |
| | GIBSON | 30,444 | 2.9 | 43.1 | 11,589 | 4 | 33 | 7 | 6 | 9 |
| | GRANT | 83,955 | 0.9 | 62.2 | 33,888 | 3 | 44 | 7 | 5 | 10 |
| | GREENE | 26,894 | 4.3 | 29.1 | 10,155 | 8 | 22 | 7 | 5 | 27 |
| | HAMILTON | 54,532 | 25.2 | 40.1 | 22,233 | 6 | 29 | 6 | 5 | 12 |
| | HANCOCK | 35,096 | 14.1 | 29.8 | 14,389 | 7 | 36 | 5 | 5 | 13 |
| | HARRISON | 20,423 | 13.5 | 13.3 | 7,484 | 6 | 35 | 4 | 5 | 16 |
| | HENDRICKS | 53,974 | 13.1 | 32.6 | 21,595 | 5 | 29 | 6 | 5 | 13 |
| | HENRY | 52,603 | 2.2 | 40.3 | 20,563 | 3 | 45 | 6 | 5 | 12 |
| | HOWARD | 83,198 | 4.9 | 52.9 | 36,276 | 3 | 50 | 6 | 5 | 8 |
| | HUNTINGTON | 34,970 | - 0.3 | 46.4 | 14,977 | 3 | 43 | 6 | 4 | 10 |
| | JACKSON | 33,187 | 3.0 | 40.1 | 13,541 | 5 | 45 | 4 | 5 | 9 |
| | JASPER | 20,429 | 11.9 | 22.9 | 7,485 | 10 | 22 | 11 | 6 | 12 |
| | JAY | 23,575 | 2.8 | 44.3 | 9,756 | 3 | 50 | 4 | 5 | 8 |
| | JEFFERSON | 27,006 | 1.4 | 59.7 | 10,253 | 3 | 31 | 8 | 4 | 21 |
| | JENNINGS | 19,454 | 6.6 | 23.6 | 6,673 | 5 | 41 | 4 | 4 | 21 |
| | JOHNSON | 61,138 | 14.6 | 56.1 | 24,323 | 5 | 31 | 7 | 5 | 12 |
| | KNOX | 41,546 | - 4.3 | 56.3 | 15,987 | 7 | 17 | 7 | 7 | 14 |
| | KOSCIUSKO | 48,127 | 8.7 | 21.5 | 20,731 | 6 | 44 | 6 | 5 | 7 |
| | LAGRANGE | 20,890 | 10.8 | 0.0 | 7,851 | 3 | 40 | 6 | 5 | 7 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| IN | LAKE | 546,253 | -0.3 | 94.5 | 210,156 | 5 | 45 | 6 | 5 | 10 |
| | LA PORTE | 105,342 | -0.1 | 66.0 | 42,652 | 5 | 41 | 5 | 5 | 10 |
| | LAWRENCE | 38,038 | 5.3 | 45.3 | 15,293 | 5 | 37 | 5 | 5 | 19 |
| | MADISON | 138,522 | -0.3 | 70.0 | 56,174 | 3 | 49 | 5 | 5 | 9 |
| | MARION | 793,769 | -0.6 | 99.8 | 334,732 | 5 | 27 | 6 | 7 | 14 |
| | MARSHALL | 34,986 | 8.4 | 31.9 | 14,239 | 6 | 34 | 8 | 5 | 9 |
| | MARTIN | 10,969 | 1.0 | 26.1 | 4,109 | 6 | 28 | 3 | 5 | 32 |
| | MIAMI | 39,246 | 1.6 | 48.5 | 13,760 | 4 | 38 | 5 | 6 | 11 |
| | MONROE | 85,221 | 6.6 | 50.4 | 35,757 | 5 | 18 | 33 | 5 | 36 |
| | MONTGOMERY | 33,930 | 1.4 | 40.8 | 13,423 | 5 | 34 | 7 | 6 | 11 |
| | MORGAN | 44,176 | 8.5 | 35.1 | 16,800 | 6 | 34 | 6 | 5 | 12 |
| | NEWTON | 11,606 | 12.3 | 0.0 | 4,637 | 7 | 23 | 6 | 6 | 11 |
| | NOBLE | 31,382 | 3.1 | 32.1 | 13,510 | 4 | 47 | 4 | 4 | 7 |
| | OHIO | 4,289 | 6.9 | 0.0 | 1,671 | 8 | 35 | 3 | 4 | 8 |
| | ORANGE | 16,968 | 1.3 | 19.3 | 6,701 | 7 | 33 | 7 | 10 | 16 |
| | OWEN | 12,163 | 8.6 | 0.0 | 4,478 | 8 | 33 | 7 | 5 | 14 |
| | PARKE | 14,628 | 6.2 | 19.3 | 5,173 | 12 | 22 | 7 | 7 | 15 |
| | PERRY | 19,075 | -2.6 | 41.6 | 7,493 | 9 | 47 | 5 | 4 | 12 |
| | PIKE | 12,281 | -2.0 | 23.3 | 4,403 | 9 | 26 | 6 | 4 | 14 |
| | PORTER | 87,114 | 10.0 | 63.3 | 34,123 | 8 | 37 | 10 | 5 | 10 |
| | POSEY | 21,740 | 4.4 | 31.1 | 7,747 | 8 | 32 | 5 | 5 | 8 |
| | PULASKI | 12,534 | 1.8 | 0.0 | 4,777 | 6 | 25 | 7 | 6 | 14 |
| | PUTNAM | 26,932 | 2.0 | 32.9 | 9,928 | 5 | 26 | 14 | 7 | 12 |
| | RANDOLPH | 28,915 | 0.5 | 32.8 | 11,805 | 4 | 48 | 5 | 5 | 9 |
| | RIPLEY | 21,138 | 6.8 | 16.3 | 7,950 | 4 | 39 | 6 | 6 | 14 |
| | RUSH | 20,352 | -0.7 | 32.9 | 7,757 | 5 | 30 | 6 | 6 | 13 |
| | ST JOSEPH | 245,045 | -1.6 | 84.7 | 101,285 | 4 | 33 | 9 | 6 | 9 |
| | SCOTT | 17,144 | 9.7 | 57.3 | 6,738 | 4 | 51 | 6 | 3 | 13 |
| | SHELBY | 37,797 | 2.6 | 39.8 | 15,300 | 5 | 38 | 5 | 5 | 10 |
| | SPENCER | 17,134 | 1.2 | 14.3 | 6,498 | 7 | 34 | 6 | 6 | 8 |
| | STARKE | 19,280 | 6.4 | 17.7 | 6,725 | 8 | 35 | 6 | 5 | 11 |
| | STEUBEN | 20,159 | 13.8 | 25.4 | 8,172 | 5 | 31 | 10 | 6 | 10 |
| | SULLIVAN | 19,889 | -1.5 | 24.0 | 7,046 | 9 | 26 | 6 | 6 | 13 |
| | SWITZERLAND | 6,306 | 8.6 | 0.0 | 2,533 | 7 | 33 | 6 | 5 | 17 |
| | TIPPECANOE | 109,378 | 3.1 | 72.4 | 46,415 | 6 | 18 | 25 | 5 | 27 |
| | TIPTON | 16,650 | -1.5 | 31.1 | 6,655 | 4 | 39 | 5 | 4 | 8 |
| | UNION | 6,582 | 1.0 | 0.0 | 2,772 | 6 | 30 | 7 | 6 | 12 |
| | VANDERBURGH | 168,772 | -3.4 | 84.4 | 69,402 | 5 | 31 | 6 | 7 | 10 |
| | VERMILLION | 16,793 | -0.8 | 32.3 | 6,493 | 11 | 33 | 7 | 4 | 13 |
| | VIGO | 114,528 | -3.5 | 70.6 | 46,001 | 6 | 24 | 13 | 6 | 17 |
| | WABASH | 35,553 | -0.3 | 53.9 | 15,476 | 3 | 44 | 9 | 3 | 9 |
| | WARREN | 8,705 | -8.7 | 0.0 | 3,343 | 4 | 33 | 7 | 6 | 10 |
| | WARRICK | 27,972 | 20.0 | 20.5 | 10,367 | 7 | 38 | 5 | 5 | 8 |
| | WASHINGTON | 19,278 | 3.5 | 26.4 | 7,553 | 6 | 42 | 4 | 3 | 12 |
| | WAYNE | 79,109 | -3.0 | 55.6 | 32,646 | 4 | 39 | 6 | 6 | 11 |
| | WELLS | 23,821 | 4.0 | 34.2 | 10,046 | 5 | 39 | 5 | 4 | 9 |
| | WHITE | 20,995 | 2.1 | 23.2 | 8,436 | 6 | 26 | 8 | 6 | 12 |
| | WHITLEY | 23,395 | 5.7 | 21.0 | 10,023 | 5 | 40 | 5 | 5 | 10 |
| IA | IOWA | 2,825,368 | 1.6 | 57.2 | 1,127,433 | 5 | 20 | 9 | 6 | 14 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| IA | ADAIR | 9,487 | 5.4 | 0.0 | 3,943 | 5 | 4 | 8 | 6 | 12 |
| | ADAMS | 6,322 | -2.1 | 0.0 | 2,354 | 5 | 7 | 6 | 5 | 14 |
| | ALLAMAKEE | 14,968 | 1.3 | 26.8 | 5,648 | 4 | 14 | 5 | 6 | 11 |
| | APPANOOSE | 15,007 | 1.1 | 43.5 | 5,508 | 6 | 16 | 7 | 8 | 13 |
| | AUDUBON | 9,595 | -4.4 | 29.5 | 3,582 | 6 | 7 | 5 | 5 | 12 |
| | BENTON | 22,885 | 1.1 | 33.4 | 8,618 | 5 | 19 | 7 | 5 | 12 |
| | BLACK HAWK | 132,916 | 1.2 | 65.0 | 54,007 | 4 | 30 | 10 | 6 | 13 |
| | BOONE | 26,470 | -0.6 | 47.1 | 10,189 | 6 | 13 | 10 | 7 | 21 |
| | BREMER | 22,737 | 7.2 | 31.9 | 8,875 | 3 | 19 | 13 | 5 | 13 |
| | BUCHANAN | 21,762 | 2.5 | 27.2 | 7,931 | 5 | 18 | 7 | 6 | 17 |
| | BUENA VISTA | 20,693 | 1.7 | 41.5 | 8,114 | 3 | 13 | 9 | 6 | 13 |
| | BUTLER | 16,953 | 0.9 | 0.0 | 5,938 | 5 | 16 | 7 | 5 | 11 |
| | CALHOUN | 14,292 | -3.8 | 0.0 | 5,073 | 6 | 6 | 10 | 6 | 17 |
| | CARROLL | 22,912 | 1.7 | 38.0 | 8,298 | 6 | 8 | 6 | 7 | 9 |
| | CASS | 17,007 | -0.9 | 43.0 | 6,881 | 6 | 8 | 7 | 5 | 14 |
| | CEDAR | 17,655 | -2.5 | 16.3 | 6,729 | 6 | 12 | 10 | 5 | 16 |
| | CERRO GORDO | 49,223 | -1.5 | 74.8 | 20,153 | 5 | 17 | 7 | 8 | 11 |
| | CHEROKEE | 17,269 | -3.3 | 41.8 | 6,530 | 5 | 11 | 7 | 5 | 18 |
| | CHICKASAW | 14,969 | 2.5 | 24.5 | 5,138 | 5 | 16 | 6 | 5 | 10 |
| | CLARKE | 7,581 | 4.6 | 41.4 | 3,052 | 5 | 11 | 5 | 7 | 14 |
| | CLAY | 18,464 | 2.0 | 55.7 | 7,228 | 5 | 11 | 6 | 6 | 11 |
| | CLAYTON | 20,606 | 1.9 | 0.0 | 7,657 | 6 | 16 | 6 | 6 | 11 |
| | CLINTON | 56,749 | 2.2 | 73.7 | 23,007 | 5 | 31 | 6 | 6 | 9 |
| | CRAWFORD | 19,116 | -4.3 | 31.2 | 7,330 | 5 | 13 | 7 | 6 | 11 |
| | DALLAS | 26,085 | 3.6 | 27.3 | 10,714 | 5 | 17 | 6 | 5 | 16 |
| | DAVIS | 8,207 | 4.0 | 34.7 | 3,123 | 4 | 16 | 5 | 6 | 18 |
| | DECATUR | 9,737 | -3.5 | 26.4 | 3,786 | 5 | 7 | 23 | 5 | 12 |
| | DELAWARE | 18,770 | 1.6 | 25.1 | 6,517 | 6 | 15 | 7 | 6 | 12 |
| | DES MOINES | 46,982 | -2.4 | 75.7 | 20,259 | 4 | 36 | 6 | 6 | 11 |
| | DICKINSON | 12,565 | 8.5 | 25.8 | 5,120 | 5 | 18 | 6 | 6 | 13 |
| | DUBUQUE | 90,609 | 3.7 | 73.3 | 34,322 | 4 | 32 | 9 | 5 | 7 |
| | EMMET | 14,009 | -1.2 | 56.4 | 5,236 | 5 | 18 | 9 | 6 | 14 |
| | FAYETTE | 26,898 | 0.4 | 38.5 | 9,999 | 5 | 8 | 10 | 7 | 12 |
| | FLOYD | 19,860 | 1.6 | 46.7 | 7,330 | 5 | 26 | 7 | 6 | 12 |
| | FRANKLIN | 13,255 | 0.6 | 33.0 | 5,180 | 5 | 9 | 6 | 5 | 13 |
| | FREMONT | 9,282 | -2.1 | 0.0 | 3,738 | 7 | 8 | 7 | 5 | 14 |
| | GREENE | 12,716 | -4.2 | 37.2 | 4,973 | 6 | 11 | 7 | 6 | 16 |
| | GRUNDY | 14,119 | -1.0 | 19.2 | 5,392 | 5 | 18 | 8 | 5 | 12 |
| | GUTHRIE | 12,243 | 6.8 | 0.0 | 4,736 | 6 | 7 | 7 | 6 | 13 |
| | HAMILTON | 18,383 | -1.4 | 46.0 | 7,563 | 5 | 19 | 7 | 7 | 13 |
| | HANCOCK | 13,506 | -0.5 | 0.6 | 5,006 | 5 | 14 | 8 | 5 | 13 |
| | HARDIN | 22,248 | -1.1 | 41.9 | 8,659 | 6 | 12 | 8 | 6 | 16 |
| | HARRISON | 16,240 | 2.8 | 22.1 | 6,176 | 7 | 12 | 6 | 5 | 13 |
| | HENRY | 18,114 | -1.7 | 38.8 | 7,779 | 5 | 18 | 11 | 9 | 21 |
| | HOWARD | 11,442 | 0.5 | 33.5 | 4,157 | 4 | 9 | 8 | 4 | 12 |
| | HUMBOLDT | 12,519 | -1.1 | 37.3 | 4,587 | 5 | 10 | 10 | 6 | 15 |
| | IDA | 9,283 | -3.9 | 0.0 | 3,518 | 4 | 7 | 8 | 5 | 10 |
| | IOWA | 15,419 | -0.5 | 0.0 | 6,459 | 5 | 19 | 6 | 4 | 11 |
| | JACKSON | 20,839 | 1.7 | 27.5 | 8,060 | 5 | 21 | 6 | 5 | 14 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| IA | JASPER | 35,425 | 2.3 | 44.0 | 14,696 | 3 | 32 | 6 | 6 | 11 |
| | JEFFERSON | 15,774 | - 8.2 | 55.6 | 6,498 | 3 | 26 | 11 | 6 | 13 |
| | JOHNSON | 72,127 | 4.7 | 73.7 | 31,862 | 3 | 7 | 28 | 6 | 42 |
| | JONES | 19,868 | 0.2 | 40.1 | 7,507 | 4 | 20 | 8 | 4 | 13 |
| | KEOKUK | 13,943 | - 2.2 | 0.0 | 5,245 | 7 | 10 | 7 | 4 | 12 |
| | KOSSUTH | 22,937 | 0.2 | 26.3 | 8,311 | 5 | 11 | 6 | 6 | 8 |
| | LEE | 42,996 | - 4.9 | 65.9 | 17,004 | 4 | 34 | 6 | 6 | 13 |
| | LINN | 163,213 | 1.9 | 82.8 | 69,010 | 5 | 34 | 7 | 6 | 9 |
| | LOUISA | 10,682 | 3.6 | 0.0 | 4,157 | 5 | 29 | 8 | 5 | 14 |
| | LUCAS | 10,163 | 1.4 | 49.4 | 3,957 | 6 | 11 | 7 | 4 | 16 |
| | LYON | 13,340 | - 1.4 | 19.3 | 4,777 | 5 | 9 | 8 | 6 | 10 |
| | MADISON | 11,558 | 7.2 | 31.6 | 4,538 | 6 | 10 | 4 | 5 | 13 |
| | MAHASKA | 22,177 | - 0.3 | 50.6 | 8,601 | 5 | 16 | 10 | 6 | 14 |
| | MARION | 26,352 | 4.3 | 54.6 | 10,178 | 4 | 17 | 11 | 5 | 17 |
| | MARSHALL | 41,076 | 4.4 | 64.2 | 16,845 | 4 | 32 | 6 | 6 | 11 |
| | MILLS | 11,832 | 7.9 | 36.1 | 4,362 | 7 | 8 | 13 | 7 | 23 |
| | MITCHELL | 13,108 | - 3.3 | 28.8 | 4,758 | 6 | 11 | 6 | 6 | 13 |
| | MONONA | 12,069 | - 0.8 | 27.2 | 4,423 | 7 | 6 | 8 | 6 | 15 |
| | MONROE | 9,357 | - 0.7 | 44.4 | 3,452 | 5 | 22 | 6 | 5 | 16 |
| | MONTGOMERY | 12,781 | 1.3 | 49.7 | 5,010 | 5 | 15 | 6 | 6 | 11 |
| | MUSCATINE | 37,181 | 5.5 | 60.4 | 15,237 | 4 | 35 | 5 | 6 | 12 |
| | O\BRIEN | 17,522 | 0.7 | 26.2 | 6,324 | 4 | 8 | 10 | 6 | 13 |
| | OSCEOLA | 8,555 | 0.0 | 33.5 | 2,879 | 4 | 12 | 7 | 3 | 13 |
| | PAGE | 18,537 | 3.4 | 61.0 | 7,830 | 6 | 9 | 6 | 5 | 15 |
| | PALO ALTO | 13,289 | - 0.6 | 32.6 | 4,730 | 4 | 9 | 9 | 6 | 16 |
| | PLYMOUTH | 24,322 | - 0.3 | 33.5 | 6,868 | 5 | 10 | 10 | 5 | 12 |
| | POCAHONTAS | 12,793 | - 6.3 | 0.0 | 4,411 | 4 | 10 | 7 | 5 | 11 |
| | POLK | 286,130 | 4.7 | 92.8 | 125,877 | 5 | 19 | 7 | 7 | 14 |
| | POTTAWATTAMIE | 86,991 | - 0.4 | 74.7 | 34,517 | 6 | 16 | 6 | 7 | 11 |
| | POWESHIEK | 18,803 | 7.2 | 45.3 | 7,919 | 4 | 12 | 13 | 5 | 11 |
| | RINGGOLD | 6,373 | - 3.2 | 0.0 | 2,675 | 4 | 5 | 6 | 5 | 15 |
| | SAC | 15,573 | - 2.9 | 21.6 | 5,640 | 5 | 8 | 7 | 4 | 10 |
| | SCOTT | 142,687 | 4.8 | 68.5 | 57,197 | 5 | 29 | 7 | 6 | 15 |
| | SHELBY | 15,528 | - 1.3 | 32.5 | 5,501 | 7 | 7 | 7 | 6 | 13 |
| | SIOUX | 27,996 | 4.8 | 34.0 | 10,196 | 5 | 13 | 11 | 5 | 10 |
| | STORY | 62,783 | 6.9 | 71.1 | 26,990 | 6 | 6 | 31 | 9 | 42 |
| | TAMA | 20,147 | 1.0 | 14.9 | 7,346 | 5 | 14 | 7 | 5 | 14 |
| | TAYLOR | 8,790 | - 5.7 | 0.0 | 3,391 | 6 | 8 | 5 | 4 | 14 |
| | UNION | 13,557 | - 3.9 | 60.6 | 5,235 | 6 | 12 | 8 | 6 | 18 |
| | VAN BUREN | 8,643 | - 6.6 | 0.0 | 3,234 | 4 | 24 | 6 | 7 | 19 |
| | WAPELLO | 42,149 | - 6.7 | 70.5 | 16,366 | 3 | 29 | 6 | 7 | 11 |
| | WARREN | 27,432 | 15.7 | 39.8 | 10,964 | 5 | 20 | 9 | 6 | 12 |
| | WASHINGTON | 18,967 | - 7.7 | 33.1 | 7,419 | 5 | 14 | 8 | 6 | 16 |
| | WAYNE | 8,405 | - 0.3 | 0.0 | 3,255 | 5 | 8 | 7 | 4 | 16 |
| | WEBSTER | 48,391 | - 2.5 | 64.6 | 19,415 | 4 | 20 | 6 | 8 | 11 |
| | WINNEBAGO | 12,990 | 3.8 | 28.8 | 5,335 | 4 | 26 | 10 | 4 | 10 |
| | WINNESHIEK | 21,758 | - 0.9 | 34.3 | 8,410 | 5 | 7 | 19 | 5 | 11 |
| | WOODBURY | 103,052 | 2.4 | 84.5 | 41,061 | 5 | 17 | 8 | 7 | 11 |
| | WORTH | 8,984 | - 0.5 | 0.0 | 3,413 | 4 | 20 | 5 | 5 | 10 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| IA | WRIGHT | 17,294 | - 1.9 | 41.4 | 6,435 | 6 | 12 | 8 | 5 | 13 |
| KS | KANSAS | 2,249,071 | 0.8 | 66.1 | 886,624 | 6 | 17 | 9 | 6 | 17 |
| | ALLEN | 15,043 | 1.2 | 43.1 | 5,704 | 5 | 22 | 6 | 5 | 14 |
| | ANDERSON | 8,501 | - 0.2 | 36.9 | 3,013 | 8 | 13 | 7 | 4 | 18 |
| | ATCHISON | 19,165 | - 3.8 | 65.6 | 7,421 | 5 | 21 | 14 | 5 | 12 |
| | BARBER | 7,016 | - 3.2 | 36.0 | 2,877 | 7 | 11 | 8 | 5 | 14 |
| | BARTON | 30,663 | 0.6 | 62.7 | 12,347 | 5 | 9 | 4 | 8 | 10 |
| | BOURBON | 15,215 | 2.2 | 58.9 | 6,359 | 7 | 12 | 5 | 6 | 11 |
| | BROWN | 11,685 | - 2.1 | 28.8 | 4,370 | 5 | 10 | 6 | 5 | 16 |
| | BUTLER | 38,658 | 1.8 | 47.1 | 15,421 | 6 | 26 | 7 | 7 | 12 |
| | CHASE | 3,408 | 1.6 | 0.0 | 1,268 | 10 | 4 | 7 | 5 | 22 |
| | CHAUTAUQUA | 4,642 | 0.7 | 0.0 | 1,800 | 5 | 8 | 7 | 6 | 14 |
| | CHEROKEE | 21,549 | - 1.8 | 53.9 | 7,510 | 5 | 32 | 7 | 7 | 14 |
| | CHEYENNE | 4,256 | - 4.9 | 0.0 | 1,706 | 5 | 1 | 7 | 6 | 15 |
| | CLARK | 2,896 | - 1.7 | 0.0 | 1,125 | 5 | 2 | 8 | 4 | 25 |
| | CLAY | 9,890 | - 1.4 | 50.2 | 3,992 | 7 | 8 | 7 | 6 | 17 |
| | CLOUD | 13,466 | - 2.9 | 52.8 | 5,406 | 6 | 6 | 11 | 5 | 14 |
| | COFFEY | 7,397 | 4.1 | 0.0 | 2,743 | 8 | 5 | 7 | 5 | 17 |
| | COMANCHE | 2,702 | 2.7 | 0.0 | 1,108 | 2 | 6 | 5 | 11 | 15 |
| | COWLEY | 35,012 | - 3.4 | 70.8 | 13,810 | 5 | 21 | 9 | 6 | 16 |
| | CRAWFORD | 37,850 | - 2.2 | 60.1 | 14,690 | 5 | 16 | 14 | 6 | 22 |
| | DECATUR | 4,988 | - 2.7 | 0.0 | 1,926 | 4 | 4 | 10 | 4 | 18 |
| | DICKINSON | 19,993 | 3.7 | 49.1 | 7,673 | 6 | 11 | 7 | 6 | 16 |
| | DONIPHAN | 9,107 | - 1.4 | 13.7 | 3,380 | 6 | 17 | 8 | 7 | 13 |
| | DOUGLAS | 57,932 | 13.3 | 83.2 | 23,826 | 4 | 17 | 27 | 6 | 35 |
| | EDWARDS | 4,581 | - 1.7 | 0.0 | 1,763 | 5 | 13 | 8 | 4 | 18 |
| | ELK | 3,858 | - 1.3 | 0.0 | 1,528 | 7 | 5 | 6 | 9 | 17 |
| | ELLIS | 24,730 | 4.4 | 62.8 | 10,471 | 5 | 7 | 16 | 7 | 23 |
| | ELLSWORTH | 6,146 | 0.1 | 0.0 | 2,383 | 6 | 7 | 6 | 6 | 11 |
| | FINNEY | 19,029 | 13.6 | 77.9 | 7,473 | 7 | 9 | 11 | 7 | 16 |
| | FORD | 22,587 | 4.6 | 62.5 | 9,404 | 7 | 11 | 8 | 7 | 14 |
| | FRANKLIN | 20,007 | - 0.2 | 55.2 | 7,985 | 8 | 19 | 11 | 5 | 16 |
| | GEARY | 28,111 | 11.7 | 83.9 | 6,777 | 6 | 5 | 6 | 10 | 32 |
| | GOVE | 3,940 | - 2.0 | 0.0 | 1,418 | 8 | 2 | 6 | 3 | 18 |
| | GRAHAM | 4,751 | - 6.0 | 0.0 | 1,777 | 6 | 2 | 8 | 4 | 18 |
| | GRANT | 5,961 | 12.2 | 62.2 | 2,451 | 7 | 11 | 7 | 6 | 14 |
| | GRAY | 4,516 | 7.0 | 0.0 | 1,762 | 6 | 5 | 10 | 5 | 14 |
| | GREELEY | 1,819 | 2.4 | 0.0 | 800 | 3 | 1 | 8 | 4 | 19 |
| | GREENWOOD | 9,141 | - 4.5 | 40.7 | 3,458 | 9 | 8 | 7 | 8 | 16 |
| | HAMILTON | 2,747 | 4.0 | 0.0 | 1,156 | 4 | 0 | 12 | 7 | 23 |
| | HARPER | 7,871 | - 3.8 | 35.3 | 3,281 | 7 | 6 | 6 | 7 | 17 |
| | HARVEY | 27,236 | 4.8 | 56.7 | 11,883 | 4 | 23 | 9 | 6 | 9 |
| | HASKELL | 3,672 | 9.6 | 0.0 | 1,321 | 4 | 5 | 6 | 4 | 14 |
| | HODGEMAN | 2,662 | - 1.8 | 0.0 | 973 | 2 | 1 | 5 | 8 | 17 |
| | JACKSON | 10,342 | 6.3 | 29.6 | 3,851 | 9 | 22 | 4 | 4 | 16 |
| | JEFFERSON | 11,945 | 8.8 | 0.0 | 4,749 | 10 | 19 | 8 | 5 | 20 |
| | JEWELL | 6,099 | - 6.4 | 0.0 | 2,215 | 6 | 2 | 5 | 7 | 12 |
| | JOHNSON | 220,073 | 6.4 | 91.8 | 92,142 | 5 | 19 | 7 | 5 | 13 |
| | KEARNY | 3,047 | 8.9 | 0.0 | 1,121 | 5 | 1 | 11 | 5 | 16 |

| STATE AND COUNTY | | 1970 POPULATION | | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KS | KINGMAN | 8,886 | - | 1.1 | 40.6 | 3,260 | 7 | 11 | 8 | 5 | 17 |
| | KIOWA | 4,088 | - | 4.3 | 0.0 | 1,721 | 4 | 2 | 11 | 6 | 17 |
| | LABETTE | 25,775 | - | 2.6 | 50.0 | 9,617 | 6 | 26 | 6 | 5 | 19 |
| | LANE | 2,707 | - | 4.7 | 0.0 | 1,030 | 3 | 1 | 5 | 10 | 22 |
| | LEAVENWORTH | 53,340 | | 2.9 | 69.4 | 15,231 | 6 | 14 | 9 | 6 | 30 |
| | LINCOLN | 4,582 | - | 4.0 | 0.0 | 1,667 | 6 | 5 | 8 | 5 | 17 |
| | LINN | 7,770 | | 4.6 | 0.0 | 2,927 | 11 | 12 | 8 | 4 | 18 |
| | LOGAN | 3,814 | - | 2.3 | 0.0 | 1,481 | 8 | 1 | 7 | 8 | 19 |
| | LYON | 32,071 | | 1.3 | 72.7 | 13,657 | 5 | 14 | 17 | 6 | 23 |
| | MC PHERSON | 24,778 | | 1.7 | 54.4 | 10,359 | 6 | 20 | 12 | 6 | 11 |
| | MARION | 13,935 | - | 1.0 | 19.6 | 5,427 | 5 | 13 | 11 | 5 | 15 |
| | MARSHALL | 13,139 | | 2.4 | 28.4 | 4,780 | 9 | 4 | 6 | 5 | 16 |
| | MEADE | 4,912 | | 0.0 | 0.0 | 1,982 | 5 | 3 | 7 | 6 | 20 |
| | MIAMI | 19,254 | | 7.6 | 46.1 | 7,252 | 9 | 19 | 7 | 3 | 23 |
| | MITCHELL | 8,010 | - | 2.5 | 52.3 | 3,122 | 5 | 5 | 8 | 6 | 19 |
| | MONTGOMERY | 39,949 | - | 3.2 | 70.0 | 15,250 | 5 | 26 | 6 | 7 | 14 |
| | MORRIS | 6,432 | | 2.0 | 0.0 | 2,545 | 7 | 6 | 7 | 4 | 20 |
| | MORTON | 3,576 | - | 3.4 | 0.0 | 1,411 | 4 | 3 | 7 | 6 | 11 |
| | NEMAHA | 11,825 | - | 3.4 | 0.0 | 4,190 | 6 | 8 | 7 | 5 | 16 |
| | NEOSHO | 18,812 | - | 3.0 | 54.9 | 6,985 | 6 | 23 | 6 | 5 | 16 |
| | NESS | 4,791 | - | 4.1 | 0.0 | 1,750 | 4 | 1 | 10 | 5 | 14 |
| | NORTON | 7,279 | - | 8.2 | 49.5 | 2,628 | 9 | 3 | 7 | 6 | 24 |
| | OSAGE | 13,352 | | 2.6 | 19.6 | 4,964 | 10 | 11 | 7 | 6 | 20 |
| | OSBORNE | 6,416 | - | 5.5 | 0.0 | 2,340 | 8 | 4 | 8 | 6 | 16 |
| | OTTAWA | 6,183 | | 0.4 | 0.0 | 2,370 | 8 | 11 | 8 | 6 | 19 |
| | PAWNEE | 8,484 | | 1.6 | 54.3 | 3,433 | 4 | 6 | 5 | 7 | 29 |
| | PHILLIPS | 7,888 | | 1.2 | 41.2 | 3,101 | 5 | 7 | 7 | 7 | 14 |
| | POTTAWATOMIE | 11,755 | | 6.8 | 27.3 | 4,699 | 10 | 8 | 12 | 7 | 21 |
| | PRATT | 10,056 | - | 2.9 | 67.6 | 4,124 | 4 | 6 | 9 | 8 | 16 |
| | RAWLINS | 4,393 | - | 4.1 | 0.0 | 1,684 | 6 | 1 | 9 | 3 | 20 |
| | RENO | 60,765 | | 2.3 | 60.7 | 24,609 | 5 | 20 | 7 | 7 | 12 |
| | REPUBLIC | 8,498 | - | 6.6 | 36.0 | 3,352 | 5 | 4 | 7 | 6 | 16 |
| | RICE | 12,320 | - | 3.0 | 35.3 | 4,757 | 4 | 10 | 11 | 7 | 14 |
| | RILEY | 56,788 | | 8.0 | 74.5 | 17,267 | 5 | 4 | 31 | 7 | 41 |
| | ROOKS | 7,628 | - | 7.0 | 32.1 | 2,736 | 6 | 8 | 7 | 5 | 18 |
| | RUSH | 5,117 | - | 2.7 | 0.0 | 2,055 | 6 | 5 | 9 | 5 | 21 |
| | RUSSELL | 9,428 | - | 5.4 | 62.5 | 3,900 | 5 | 4 | 9 | 9 | 18 |
| | SALINE | 46,592 | | 5.0 | 80.9 | 18,087 | 6 | 12 | 9 | 7 | 14 |
| | SCOTT | 5,606 | | 2.7 | 72.4 | 2,325 | 4 | 8 | 8 | 6 | 14 |
| | SEDGWICK | 350,694 | - | 2.2 | 90.5 | 145,182 | 5 | 27 | 7 | 6 | 13 |
| | SEWARD | 15,744 | | 3.2 | 85.0 | 6,784 | 4 | 12 | 7 | 8 | 12 |
| | SHAWNEE | 155,322 | - | 2.4 | 85.0 | 61,800 | 6 | 14 | 7 | 6 | 22 |
| | SHERIDAN | 3,859 | - | 0.9 | 0.0 | 1,400 | 5 | 1 | 9 | 5 | 22 |
| | SHERMAN | 7,792 | | 4.9 | 69.3 | 3,264 | 7 | 4 | 4 | 9 | 13 |
| | SMITH | 6,757 | - | 2.6 | 0.0 | 2,746 | 4 | 4 | 7 | 6 | 11 |
| | STAFFORD | 5,943 | - | 1.2 | 0.0 | 2,422 | 5 | 5 | 7 | 8 | 16 |
| | STANTON | 2,287 | | 10.1 | 0.0 | 819 | 4 | 1 | 11 | 3 | 20 |
| | STEVENS | 4,198 | | 9.4 | 67.6 | 1,661 | 5 | 1 | 11 | 5 | 15 |
| | SUMNER | 23,553 | - | 1.5 | 38.2 | 8,766 | 4 | 22 | 7 | 5 | 16 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| KS | THOMAS | 7,501 | 7.7 | 64.6 | 3,223 | 4 | 3 | 12 | 8 | 17 |
| | TREGO | 4,436 | - 0.8 | 0.0 | 1,819 | 5 | 1 | 7 | 6 | 12 |
| | WABAUNSEE | 6,397 | 3.8 | 0.0 | 2,281 | 9 | 9 | 6 | 4 | 18 |
| | WALLACE | 2,215 | - 5.4 | 0.0 | 881 | 2 | 2 | 9 | 6 | 20 |
| | WASHINGTON | 9,249 | - 4.3 | 0.0 | 3,424 | 7 | 3 | 6 | 4 | 13 |
| | WICHITA | 3,274 | 4.9 | 0.0 | 1,210 | 7 | 2 | 11 | 8 | 21 |
| | WILSON | 11,317 | - 0.8 | 56.8 | 4,355 | 7 | 28 | 6 | 6 | 13 |
| | WOODSON | 4,789 | - 11.1 | 0.0 | 1,673 | 7 | 6 | 5 | 6 | 17 |
| | WYANDOTTE | 186,845 | - 4.8 | 92.0 | 77,020 | 6 | 23 | 5 | 7 | 15 |
| KY | KENTUCKY | 3,220,711 | 5.4 | 52.4 | 1,141,594 | 7 | 25 | 8 | 7 | 15 |
| | ADAIR | 13,037 | 10.3 | 24.8 | 4,375 | 8 | 21 | 5 | 6 | 11 |
| | ALLEN | 12,598 | 7.6 | 28.1 | 5,046 | 5 | 32 | 4 | 6 | 10 |
| | ANDERSON | 9,358 | 15.0 | 38.2 | 3,897 | 6 | 39 | 5 | 6 | 17 |
| | BALLARD | 8,276 | 1.3 | 0.0 | 2,873 | 15 | 24 | 5 | 6 | 13 |
| | BARREN | 28,677 | 7.2 | 39.4 | 11,327 | 7 | 23 | 4 | 6 | 10 |
| | BATH | 9,235 | 0.3 | 0.0 | 2,894 | 11 | 24 | 6 | 7 | 18 |
| | BELL | 31,121 | 5.3 | 48.2 | 8,243 | 6 | 16 | 10 | 7 | 17 |
| | BOONE | 32,812 | 13.0 | 37.8 | 12,840 | 7 | 25 | 6 | 6 | 12 |
| | BOURBON | 18,476 | 2.3 | 42.3 | 7,539 | 6 | 23 | 5 | 7 | 14 |
| | BOYD | 52,376 | - 0.2 | 72.5 | 17,973 | 7 | 31 | 5 | 7 | 10 |
| | BOYLE | 21,861 | 4.1 | 54.7 | 8,876 | 5 | 25 | 9 | 8 | 12 |
| | BRACKEN | 7,227 | 3.1 | 0.0 | 2,467 | 6 | 27 | 5 | 4 | 8 |
| | BREATHITT | 14,221 | 10.2 | 0.0 | 3,172 | 10 | 7 | 28 | 5 | 35 |
| | BRECKINRIDGE | 14,789 | 2.4 | 0.0 | 5,083 | 8 | 21 | 5 | 6 | 16 |
| | BULLITT | 26,090 | 28.5 | 10.6 | 9,095 | 7 | 43 | 4 | 5 | 10 |
| | BUTLER | 9,723 | 3.7 | 0.0 | 3,166 | 10 | 35 | 5 | 5 | 15 |
| | CALDWELL | 13,179 | 2.1 | 46.1 | 4,864 | 7 | 29 | 6 | 6 | 16 |
| | CALLOWAY | 27,692 | 5.0 | 48.9 | 10,388 | 6 | 20 | 22 | 8 | 30 |
| | CAMPBELL | 88,704 | - 4.2 | 87.2 | 33,472 | 6 | 28 | 5 | 7 | 9 |
| | CARLISLE | 5,354 | 3.8 | 0.0 | 1,917 | 10 | 33 | 3 | 6 | 15 |
| | CARROLL | 8,523 | 1.2 | 45.6 | 3,244 | 6 | 31 | 4 | 5 | 17 |
| | CARTER | 19,850 | 9.2 | 0.0 | 5,641 | 10 | 30 | 8 | 6 | 14 |
| | CASEY | 12,930 | 8.9 | 0.0 | 4,024 | 7 | 27 | 6 | 4 | 12 |
| | CHRISTIAN | 56,224 | 24.2 | 62.0 | 15,589 | 5 | 21 | 6 | 9 | 18 |
| | CLARK | 24,090 | 9.7 | 55.6 | 9,458 | 6 | 27 | 5 | 6 | 15 |
| | CLAY | 18,481 | 12.9 | 0.0 | 3,488 | 11 | 7 | 15 | 5 | 28 |
| | CLINTON | 8,174 | 5.2 | 0.0 | 2,710 | 3 | 28 | 9 | 5 | 18 |
| | CRITTENDEN | 8,493 | 5.8 | 36.7 | 3,138 | 9 | 26 | 5 | 4 | 14 |
| | CUMBERLAND | 6,850 | - 0.4 | 0.0 | 2,305 | 6 | 25 | 7 | 7 | 14 |
| | DAVIESS | 79,486 | 2.2 | 67.1 | 31,213 | 8 | 29 | 7 | 8 | 10 |
| | EDMONSON | 8,751 | 8.9 | 0.0 | 2,705 | 16 | 34 | 5 | 5 | 17 |
| | ELLIOTT | 5,933 | - 3.3 | 0.0 | 1,457 | 27 | 11 | 12 | 6 | 32 |
| | ESTILL | 12,752 | 4.1 | 22.8 | 3,537 | 11 | 29 | 4 | 6 | 17 |
| | FAYETTE | 174,323 | 8.8 | 91.7 | 73,433 | 5 | 16 | 12 | 8 | 24 |
| | FLEMING | 11,366 | 5.4 | 0.0 | 4,091 | 9 | 23 | 5 | 5 | 14 |
| | FLOYD | 35,889 | 11.7 | 9.5 | 9,498 | 10 | 9 | 10 | 6 | 20 |
| | FRANKLIN | 34,481 | 8.2 | 61.9 | 15,275 | 9 | 22 | 7 | 5 | 37 |
| | FULTON | 10,183 | - 6.6 | 61.2 | 3,672 | 5 | 26 | 4 | 10 | 11 |
| | GALLATIN | 4,134 | 5.7 | 0.0 | 1,334 | 10 | 25 | 7 | 4 | 13 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| KY | GARRARD | 9,457 | 6.2 | 34.8 | 3,561 | 9 | 28 | 5 | 5 | 12 |
| | GRANT | 9,999 | 17.1 | 0.0 | 3,677 | 8 | 18 | 6 | 8 | 13 |
| | GRAVES | 30,939 | 4.5 | 34.7 | 12,116 | 8 | 35 | 4 | 7 | 11 |
| | GRAYSON | 16,445 | 10.8 | 19.1 | 5,355 | 12 | 23 | 6 | 5 | 15 |
| | GREEN | 10,350 | 4.4 | 0.0 | 4,016 | 7 | 29 | 4 | 4 | 10 |
| | GREENUP | 33,192 | 1.6 | 46.8 | 10,378 | 5 | 29 | 5 | 4 | 8 |
| | HANCOCK | 7,080 | 4.1 | 0.0 | 2,432 | 19 | 39 | 7 | 3 | 11 |
| | HARDIN | 78,421 | -8.2 | 69.0 | 16,174 | 7 | 15 | 7 | 10 | 28 |
| | HARLAN | 37,370 | 6.5 | 17.8 | 9,166 | 6 | 7 | 11 | 7 | 17 |
| | HARRISON | 14,158 | 2.8 | 44.9 | 5,532 | 5 | 30 | 4 | 6 | 10 |
| | HART | 13,980 | 5.3 | 0.0 | 4,940 | 6 | 21 | 6 | 6 | 13 |
| | HENDERSON | 36,031 | 2.4 | 63.8 | 13,922 | 6 | 33 | 5 | 7 | 10 |
| | HENRY | 10,910 | 5.5 | 0.0 | 4,200 | 4 | 26 | 5 | 5 | 16 |
| | HICKMAN | 6,264 | 3.8 | 0.0 | 2,371 | 6 | 26 | 4 | 8 | 12 |
| | HOPKINS | 38,167 | 12.4 | 47.4 | 13,686 | 7 | 12 | 5 | 6 | 16 |
| | JACKSON | 10,005 | 4.6 | 0.0 | 2,688 | 9 | 14 | 11 | 4 | 29 |
| | JEFFERSON | 695,055 | 0.8 | 94.7 | 279,663 | 5 | 32 | 6 | 7 | 12 |
| | JESSAMINE | 17,430 | 26.8 | 53.1 | 7,260 | 8 | 17 | 17 | 6 | 13 |
| | JOHNSON | 17,539 | 16.9 | 22.1 | 4,851 | 11 | 10 | 10 | 6 | 18 |
| | KENTON | 129,440 | 0.8 | 86.1 | 50,635 | 5 | 25 | 5 | 7 | 11 |
| | KNOTT | 14,698 | 14.3 | 0.0 | 3,102 | 13 | 5 | 19 | 5 | 30 |
| | KNOX | 23,689 | 11.2 | 20.0 | 5,981 | 9 | 18 | 12 | 9 | 21 |
| | LARUE | 10,672 | 8.8 | 24.0 | 3,677 | 7 | 24 | 6 | 6 | 17 |
| | LAUREL | 27,386 | 14.1 | 15.8 | 7,817 | 10 | 18 | 8 | 7 | 16 |
| | LAWRENCE | 10,726 | 12.7 | 0.0 | 2,781 | 11 | 20 | 8 | 5 | 19 |
| | LEE | 6,587 | 5.6 | 0.0 | 1,570 | 12 | 11 | 10 | 7 | 31 |
| | LESLIE | 11,623 | 7.3 | 0.0 | 2,180 | 7 | 5 | 14 | 6 | 33 |
| | LETCHER | 23,165 | 14.8 | 11.0 | 5,347 | 5 | 4 | 9 | 6 | 16 |
| | LEWIS | 12,355 | 2.8 | 0.0 | 3,986 | 8 | 35 | 7 | 3 | 11 |
| | LINCOLN | 16,663 | 5.9 | 0.0 | 5,789 | 8 | 28 | 6 | 5 | 11 |
| | LIVINGSTON | 7,596 | 14.0 | 0.0 | 2,630 | 11 | 26 | 4 | 6 | 15 |
| | LOGAN | 21,793 | 1.5 | 29.6 | 8,387 | 5 | 35 | 4 | 7 | 11 |
| | LYON | 5,562 | 5.4 | 0.0 | 1,806 | 10 | 37 | 6 | 3 | 18 |
| | MC CRACKEN | 58,281 | 3.4 | 60.7 | 22,676 | 7 | 19 | 7 | 8 | 15 |
| | MC CREARY | 12,548 | 14.0 | 0.0 | 2,582 | 7 | 25 | 15 | 8 | 28 |
| | MC LEAN | 9,062 | 12.7 | 0.0 | 3,290 | 9 | 28 | 4 | 5 | 14 |
| | MADISON | 42,730 | 10.9 | 55.7 | 17,197 | 6 | 17 | 21 | 7 | 23 |
| | MAGOFFIN | 10,443 | 9.0 | 0.0 | 1,819 | 15 | 6 | 15 | 4 | 35 |
| | MARION | 16,714 | -1.0 | 32.5 | 5,445 | 5 | 30 | 7 | 5 | 8 |
| | MARSHALL | 20,381 | 9.3 | 17.5 | 7,499 | 12 | 36 | 4 | 7 | 13 |
| | MARTIN | 9,377 | 14.7 | 0.0 | 2,193 | 12 | 7 | 17 | 5 | 35 |
| | MASON | 17,273 | -2.6 | 42.9 | 6,553 | 5 | 27 | 6 | 7 | 10 |
| | MEADE | 18,796 | -5.3 | 31.9 | 4,213 | 7 | 22 | 8 | 7 | 29 |
| | MENIFEE | 4,050 | 7.5 | 0.0 | 1,022 | 8 | 38 | 8 | 1 | 22 |
| | MERCER | 15,960 | 10.2 | 42.2 | 6,690 | 8 | 26 | 6 | 7 | 13 |
| | METCALFE | 8,177 | 2.8 | 0.0 | 2,616 | 4 | 24 | 5 | 6 | 16 |
| | MONROE | 11,642 | 3.8 | 0.0 | 3,990 | 6 | 28 | 7 | 5 | 14 |
| | MONTGOMERY | 15,364 | 12.0 | 33.1 | 5,718 | 8 | 33 | 5 | 7 | 11 |
| | MORGAN | 10,019 | 5.2 | 0.0 | 2,695 | 12 | 17 | 10 | 5 | 25 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| KY | MUHLENBERG | 27,537 | 9.9 | 26.6 | 8,744 | 5 | 18 | 5 | 4 | 16 |
| | NELSON | 23,477 | 3.9 | 24.8 | 7,760 | 8 | 32 | 9 | 6 | 11 |
| | NICHOLAS | 6,508 | 4.1 | 0.0 | 2,636 | 6 | 29 | 5 | 3 | 15 |
| | OHIO | 18,790 | 6.6 | 14.0 | 6,384 | 9 | 25 | 5 | 6 | 11 |
| | OLDHAM | 14,687 | 25.1 | 0.0 | 5,009 | 8 | 21 | 5 | 6 | 17 |
| | OWEN | 7,470 | 5.2 | 0.0 | 2,635 | 7 | 15 | 5 | 7 | 20 |
| | OWSLEY | 5,023 | 3.8 | 0.0 | 1,012 | 15 | 3 | 15 | 2 | 43 |
| | PENDLETON | 9,949 | 4.2 | 26.5 | 3,398 | 7 | 28 | 6 | 4 | 14 |
| | PERRY | 26,259 | 6.5 | 21.2 | 6,338 | 6 | 3 | 9 | 6 | 23 |
| | PIKE | 61,059 | 12.6 | 7.5 | 16,170 | 7 | 4 | 9 | 5 | 16 |
| | POWELL | 7,704 | 11.2 | 0.0 | 2,299 | 14 | 30 | 7 | 6 | 26 |
| | PULASKI | 35,234 | 14.4 | 29.6 | 11,593 | 6 | 23 | 7 | 8 | 15 |
| | ROBERTSON | 2,163 | 5.6 | 0.0 | 822 | 9 | 14 | 3 | 2 | 20 |
| | ROCKCASTLE | 12,305 | 4.0 | 0.0 | 3,380 | 9 | 22 | 9 | 5 | 23 |
| | ROWAN | 17,010 | 0.4 | 42.3 | 5,553 | 10 | 12 | 25 | 5 | 35 |
| | RUSSELL | 10,542 | 8.7 | 0.0 | 2,986 | 11 | 25 | 10 | 7 | 20 |
| | SCOTT | 17,948 | 5.4 | 48.1 | 7,163 | 5 | 25 | 10 | 8 | 12 |
| | SHELBY | 18,999 | 3.6 | 22.0 | 7,453 | 8 | 18 | 5 | 8 | 14 |
| | SIMPSON | 13,054 | 8.1 | 49.4 | 5,217 | 6 | 41 | 3 | 5 | 8 |
| | SPENCER | 5,488 | 4.2 | 0.0 | 1,654 | 3 | 32 | 5 | 1 | 12 |
| | TAYLOR | 17,138 | 6.4 | 44.3 | 7,026 | 7 | 34 | 6 | 6 | 8 |
| | TODD | 10,823 | 1.8 | 0.0 | 3,659 | 5 | 28 | 5 | 7 | 14 |
| | TRIGG | 8,620 | 4.2 | 0.0 | 3,198 | 10 | 22 | 3 | 6 | 17 |
| | TRIMBLE | 5,349 | 4.7 | 0.0 | 1,864 | 6 | 28 | 5 | 5 | 15 |
| | UNION | 15,882 | 3.4 | 22.4 | 5,113 | 8 | 13 | 12 | 8 | 16 |
| | WARREN | 57,884 | 7.7 | 63.1 | 23,273 | 7 | 23 | 13 | 8 | 18 |
| | WASHINGTON | 10,728 | - 2.8 | 27.6 | 3,848 | 4 | 26 | 7 | 6 | 11 |
| | WAYNE | 14,268 | 9.2 | 27.5 | 4,071 | 9 | 24 | 7 | 5 | 14 |
| | WEBSTER | 13,282 | 6.1 | 32.5 | 4,175 | 8 | 24 | 6 | 5 | 15 |
| | WHITLEY | 24,145 | 17.5 | 40.8 | 6,300 | 10 | 18 | 10 | 10 | 16 |
| | WOLFE | 5,669 | 7.2 | 0.0 | 1,147 | 6 | 17 | 16 | 6 | 33 |
| | WOODFORD | 14,434 | 15.2 | 39.3 | 5,921 | 5 | 26 | 7 | 8 | 15 |
| LA | LOUISIANA | 3,644,637 | 4.1 | 66.1 | 1,224,186 | 6 | 15 | 8 | 10 | 17 |
| | ACADIA | 52,109 | 1.9 | 56.6 | 15,748 | 7 | 11 | 7 | 9 | 15 |
| | ALLEN | 20,794 | - 3.5 | 35.1 | 6,038 | 9 | 23 | 6 | 9 | 17 |
| | ASCENSION | 37,086 | 8.2 | 32.3 | 11,420 | 13 | 24 | 7 | 9 | 14 |
| | ASSUMPTION | 19,654 | 1.7 | 0.0 | 5,291 | 11 | 21 | 6 | 6 | 12 |
| | AVOYELLES | 37,751 | - 0.6 | 26.1 | 10,806 | 13 | 8 | 8 | 11 | 17 |
| | BEAUREGARD | 22,888 | 12.0 | 35.6 | 6,927 | 10 | 18 | 8 | 7 | 24 |
| | BIENVILLE | 16,024 | 3.4 | 18.6 | 4,957 | 8 | 33 | 6 | 11 | 17 |
| | BOSSIER | 65,877 | 6.2 | 66.0 | 18,612 | 6 | 18 | 6 | 10 | 19 |
| | CADDO | 230,184 | 3.6 | 85.4 | 86,965 | 6 | 18 | 7 | 12 | 14 |
| | CALCASIEU | 145,415 | 3.5 | 74.6 | 50,545 | 10 | 19 | 9 | 9 | 15 |
| | CALDWELL | 9,354 | 7.7 | 0.0 | 2,849 | 10 | 13 | 7 | 11 | 18 |
| | CAMERON | 8,194 | 8.8 | 0.0 | 2,734 | 8 | 11 | 5 | 6 | 15 |
| | CATAHOULA | 11,769 | - 5.6 | 23.5 | 3,278 | 9 | 12 | 9 | 11 | 19 |
| | CLAIBORNE | 17,024 | - 4.6 | 46.6 | 5,351 | 6 | 23 | 7 | 11 | 19 |
| | CONCORDIA | 22,578 | - 6.4 | 47.7 | 7,276 | 7 | 15 | 9 | 10 | 14 |
| | DE SOTO | 22,764 | 0.1 | 28.3 | 6,939 | 6 | 27 | 8 | 14 | 12 |

| STATE | AND COUNTY | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| LA | EAST BATON ROUGE | 285,167 | 9.2 | 66.8 | 107,422 | 9 | 17 | 13 | 10 | 22 |
| | EAST CARROLL | 12,884 | - 7.5 | 48.0 | 3,412 | 5 | 5 | 9 | 13 | 16 |
| | EAST FELICIANA | 17,657 | - 6.3 | 26.6 | 4,723 | 7 | 19 | 5 | 9 | 37 |
| | EVANGELINE | 31,932 | - 0.6 | 40.6 | 8,937 | 7 | 11 | 8 | 10 | 15 |
| | FRANKLIN | 23,946 | - 3.4 | 22.3 | 6,792 | 8 | 10 | 9 | 8 | 17 |
| | GRANT | 13,671 | 4.5 | 0.0 | 3,848 | 11 | 15 | 10 | 8 | 33 |
| | IBERIA | 57,397 | 7.0 | 63.5 | 18,456 | 6 | 12 | 6 | 10 | 12 |
| | IBERVILLE | 30,746 | - 1.2 | 33.8 | 8,863 | 13 | 17 | 6 | 10 | 18 |
| | JACKSON | 15,963 | - 0.6 | 31.9 | 5,526 | 6 | 42 | 7 | 9 | 14 |
| | JEFFERSON | 338,229 | 17.0 | 95.9 | 127,048 | 8 | 15 | 6 | 7 | 12 |
| | JEFFERSON DAVIS | 29,554 | 1.0 | 63.0 | 9,239 | 6 | 8 | 8 | 9 | 14 |
| | LAFAYETTE | 111,643 | 12.2 | 72.0 | 39,184 | 7 | 5 | 10 | 11 | 16 |
| | LAFOURCHE | 68,941 | 4.5 | 39.0 | 21,900 | 8 | 15 | 9 | 7 | 13 |
| | LA SALLE | 13,295 | 8.8 | 0.0 | 4,080 | 6 | 23 | 6 | 9 | 12 |
| | LINCOLN | 33,800 | 6.9 | 64.4 | 12,069 | 6 | 11 | 29 | 9 | 37 |
| | LIVINGSTON | 36,511 | 16.0 | 18.5 | 11,649 | 18 | 17 | 8 | 7 | 20 |
| | MADISON | 15,065 | - 4.3 | 63.3 | 4,157 | 6 | 13 | 8 | 11 | 16 |
| | MOREHOUSE | 32,463 | - 1.8 | 45.3 | 9,726 | 5 | 29 | 7 | 10 | 13 |
| | NATCHITOCHES | 35,219 | 1.4 | 45.4 | 10,915 | 8 | 7 | 20 | 12 | 33 |
| | ORLEANS | 593,471 | - 4.9 | 99.7 | 221,532 | 5 | 11 | 8 | 12 | 17 |
| | OUACHITA | 115,387 | 8.8 | 78.7 | 41,595 | 7 | 15 | 9 | 11 | 17 |
| | PLAQUEMINES | 25,225 | 2.8 | 28.9 | 8,229 | 12 | 10 | 6 | 6 | 14 |
| | POINTE COUPEE | 22,002 | - 2.0 | 17.9 | 6,084 | 16 | 12 | 7 | 10 | 23 |
| | RAPIDES | 118,078 | 2.9 | 52.1 | 37,345 | 7 | 12 | 9 | 10 | 24 |
| | RED RIVER | 9,226 | 0.0 | 0.0 | 2,945 | 8 | 21 | 7 | 9 | 16 |
| | RICHLAND | 21,774 | 0.1 | 31.5 | 6,225 | 9 | 13 | 9 | 10 | 17 |
| | SABINE | 18,638 | 4.6 | 16.7 | 5,137 | 7 | 28 | 7 | 9 | 16 |
| | ST BERNARD | 51,185 | 13.0 | 91.6 | 18,423 | 10 | 21 | 4 | 5 | 14 |
| | ST CHARLES | 29,550 | 8.3 | 26.9 | 9,297 | 8 | 32 | 7 | 8 | 10 |
| | ST HELENA | 9,937 | - 6.3 | 0.0 | 2,663 | 13 | 14 | 13 | 6 | 31 |
| | ST JAMES | 19,733 | - 0.7 | 32.9 | 5,329 | 6 | 44 | 9 | 4 | 18 |
| | ST JOHN THE BAPTIST | 23,813 | 3.5 | 51.9 | 6,682 | 10 | 36 | 7 | 5 | 11 |
| | ST LANDRY | 80,364 | - 1.2 | 39.1 | 22,120 | 14 | 6 | 9 | 10 | 15 |
| | ST MARTIN | 32,453 | 5.1 | 37.2 | 8,971 | 15 | 8 | 6 | 9 | 14 |
| | ST MARY | 60,752 | - 0.3 | 65.3 | 20,094 | 7 | 13 | 5 | 10 | 10 |
| | ST TAMMANY | 63,585 | 20.2 | 36.9 | 20,825 | 10 | 20 | 7 | 10 | 14 |
| | TANGIPAHOA | 65,875 | 7.1 | 35.5 | 20,516 | 10 | 15 | 11 | 9 | 20 |
| | TENSAS | 9,732 | - 13.0 | 0.0 | 2,525 | 4 | 7 | 4 | 17 | 14 |
| | TERREBONNE | 76,049 | 9.6 | 52.6 | 23,737 | 6 | 11 | 6 | 8 | 10 |
| | UNION | 18,447 | 4.7 | 18.5 | 6,006 | 9 | 26 | 8 | 10 | 15 |
| | VERMILION | 43,071 | 2.7 | 38.4 | 13,325 | 9 | 8 | | 10 | 16 |
| | VERNON | 53,794 | - 7.5 | 60.9 | 7,440 | 8 | 10 | 8 | 8 | 35 |
| | WASHINGTON | 41,987 | 0.0 | 52.4 | 13,222 | 7 | 27 | 6 | 8 | 18 |
| | WEBSTER | 39,939 | - 0.8 | 51.2 | 14,184 | 6 | 37 | 6 | 10 | 16 |
| | WEST BATON ROUGE | 16,864 | 3.7 | 39.7 | 4,982 | 13 | 23 | 6 | 9 | 14 |
| | WEST CARROLL | 13,028 | - 2.2 | 0.0 | 3,604 | 12 | 13 | 7 | 7 | 16 |
| | WEST FELICIANA | 10,761 | - 14.3 | 0.0 | 1,929 | 4 | 31 | 6 | 8 | 27 |
| | WINN | 16,369 | - 2.1 | 43.6 | 5,138 | 7 | 36 | 6 | 9 | 16 |
| ME | MAINE | 993,722 | 6.6 | 50.9 | 381,714 | 6 | 31 | 8 | 6 | 15 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| ME | ANDROSCOGGIN | 91,279 | 3.6 | 74.9 | 38,527 | 6 | 41 | 6 | 5 | 9 |
| | AROOSTOOK | 94,078 | 2.4 | 50.5 | 29,901 | 5 | 21 | 9 | 6 | 18 |
| | CUMBERLAND | 192,528 | 5.2 | 62.8 | 77,704 | 6 | 22 | 8 | 7 | 14 |
| | FRANKLIN | 22,444 | 9.5 | 13.8 | 8,889 | 4 | 49 | 8 | 7 | 12 |
| | HANCOCK | 34,590 | 13.2 | 13.3 | 12,701 | 12 | 19 | 8 | 9 | 15 |
| | KENNEBEC | 95,306 | 5.7 | 60.5 | 37,849 | 6 | 26 | 8 | 6 | 20 |
| | KNOX | 29,013 | 9.7 | 41.5 | 10,894 | 6 | 26 | 6 | 9 | 14 |
| | LINCOLN | 20,537 | 12.4 | 0.0 | 7,847 | 10 | 22 | 6 | 7 | 18 |
| | OXFORD | 43,457 | 3.4 | 21.9 | 16,568 | 5 | 48 | 8 | 5 | 11 |
| | PENOBSCOT | 125,393 | 7.5 | 61.4 | 47,221 | 5 | 26 | 13 | 6 | 18 |
| | PISCATAQUIS | 16,285 | 2.0 | 19.0 | 6,388 | 4 | 43 | 6 | 6 | 13 |
| | SAGADAHOC | 23,452 | 13.0 | 52.7 | 9,068 | 6 | 39 | 6 | 5 | 14 |
| | SOMERSET | 40,597 | 6.8 | 41.0 | 15,748 | 5 | 47 | 6 | 5 | 9 |
| | WALDO | 23,328 | 13.4 | 25.4 | 8,760 | 8 | 32 | 7 | 6 | 13 |
| | WASHINGTON | 29,859 | 9.9 | 13.5 | 10,200 | 7 | 31 | 5 | 7 | 16 |
| | YORK | 111,576 | 8.7 | 56.8 | 43,449 | 6 | 44 | 7 | 5 | 16 |
| MD | MARYLAND | 3,922,897 | 4.4 | 76.6 | 1,590,094 | 6 | 19 | 8 | 7 | 25 |
| | ALLEGANY | 84,044 | -1.2 | 52.6 | 30,682 | 5 | 31 | 8 | 6 | 15 |
| | ANNE ARUNDEL | 298,042 | 12.9 | 67.3 | 110,773 | 8 | 19 | 8 | 6 | 28 |
| | BALTIMORE | 620,409 | 2.4 | 88.6 | 266,209 | 6 | 27 | 7 | 5 | 17 |
| | CALVERT | 20,682 | 26.6 | 0.0 | 7,398 | 22 | 4 | 7 | 8 | 24 |
| | CAROLINE | 19,781 | 9.3 | 0.0 | 7,714 | 8 | 29 | 6 | 6 | 13 |
| | CARROLL | 69,006 | 18.1 | 10.4 | 27,994 | 10 | 30 | 6 | 5 | 16 |
| | CECIL | 53,291 | 4.4 | 19.9 | 18,390 | 8 | 32 | 7 | 5 | 21 |
| | CHARLES | 47,678 | 23.9 | 16.0 | 16,526 | 11 | 13 | 6 | 7 | 37 |
| | DORCHESTER | 29,405 | 0.5 | 39.4 | 12,959 | 6 | 38 | 4 | 5 | 14 |
| | FREDERICK | 84,927 | 13.0 | 32.0 | 34,763 | 11 | 18 | 8 | 5 | 21 |
| | GARRETT | 21,476 | 8.9 | 0.0 | 6,949 | 10 | 20 | 7 | 6 | 18 |
| | HARFORD | 115,378 | 17.3 | 51.8 | 40,729 | 7 | 21 | 6 | 5 | 32 |
| | HOWARD | 62,394 | 55.2 | 34.8 | 24,475 | 9 | 16 | 9 | 7 | 26 |
| | KENT | 16,146 | 2.6 | 21.5 | 6,765 | 9 | 20 | 10 | 7 | 11 |
| | MONTGOMERY | 522,809 | 7.9 | 89.2 | 220,003 | 5 | 7 | 8 | 9 | 33 |
| | PRINCE GEORGES | 661,719 | 2.5 | 92.3 | 275,980 | 6 | 7 | 9 | 7 | 39 |
| | QUEEN ANNES | 18,422 | 8.4 | 0.0 | 7,715 | 11 | 19 | 8 | 8 | 18 |
| | ST MARYS | 47,388 | 5.3 | 19.3 | 12,491 | 11 | 5 | 12 | 7 | 38 |
| | SOMERSET | 18,924 | 2.8 | 16.2 | 7,282 | 7 | 26 | 7 | 6 | 17 |
| | TALBOT | 23,682 | 7.7 | 28.8 | 10,197 | 10 | 16 | 6 | 11 | 11 |
| | WASHINGTON | 103,829 | 3.3 | 40.4 | 40,939 | 7 | 32 | 5 | 5 | 13 |
| | WICOMICO | 54,236 | 9.0 | 28.1 | 23,420 | 7 | 24 | 7 | 7 | 14 |
| | WORCESTER | 24,442 | 8.5 | 14.6 | 9,916 | 9 | 22 | 4 | 12 | 12 |
| | BALTIMORE CITY | 905,787 | -6.0 | 0.0 | 369,823 | 5 | 25 | 7 | 8 | 20 |
| MA | MASSACHUSETTS | 5,689,170 | 2.2 | 84.6 | 2,389,419 | 5 | 29 | 8 | 6 | 14 |
| | BARNSTABLE | 96,656 | 34.1 | 41.3 | 33,623 | 13 | 7 | 7 | 10 | 17 |
| | BERKSHIRE | 149,402 | -0.3 | 69.8 | 61,680 | 5 | 39 | 9 | 6 | 11 |
| | BRISTOL | 444,301 | 4.4 | 82.7 | 191,530 | 5 | 42 | 6 | 4 | 12 |
| | DUKES | 6,117 | 31.3 | 0.0 | 2,449 | 19 | 6 | 4 | 11 | 15 |
| | ESSEX | 637,887 | -1.1 | 89.5 | 270,567 | 4 | 34 | 7 | 5 | 14 |
| | FRANKLIN | 59,210 | 7.3 | 39.9 | 24,920 | 7 | 28 | 14 | 5 | 17 |
| | HAMPDEN | 459,050 | 1.0 | 89.5 | 188,442 | 4 | 35 | 7 | 5 | 13 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| MA | HAMPSHIRE | 123,981 | 7.8 | 69.0 | 50,502 | 5 | 25 | 21 | 5 | 24 |
| | MIDDLESEX | 1,398,397 | 0.0 | 91.3 | 593,845 | 5 | 26 | 10 | 6 | 14 |
| | NANTUCKET | 3,774 | 50.0 | 0.0 | 1,606 | 17 | 3 | 4 | 15 | 12 |
| | NORFOLK | 604,854 | 2.5 | 68.5 | 253,600 | 5 | 22 | 9 | 6 | 15 |
| | PLYMOUTH | 333,314 | 13.9 | 60.9 | 130,687 | 7 | 26 | 7 | 6 | 15 |
| | SUFFOLK | 735,190 | - 1.7 | 0.0 | 318,991 | 4 | 18 | 7 | 7 | 17 |
| | WORCESTER | 637,037 | 1.7 | 71.9 | 266,777 | 4 | 38 | 7 | 5 | 12 |
| MI | MICHIGAN | 8,881,826 | 3.1 | 73.9 | 3,455,346 | 4 | 35 | 8 | 6 | 13 |
| | ALCONA | 7,113 | 19.7 | 0.0 | 2,074 | 12 | 22 | 6 | 4 | 23 |
| | ALGER | 8,568 | 2.9 | 44.3 | 2,989 | 5 | 35 | 7 | 5 | 19 |
| | ALLEGAN | 66,575 | 7.6 | 22.6 | 25,432 | 6 | 41 | 6 | 5 | 10 |
| | ALPENA | 30,708 | 7.8 | 45.0 | 10,312 | 4 | 29 | 11 | 5 | 19 |
| | ANTRIM | 12,612 | 19.3 | 0.0 | 4,389 | 5 | 40 | 5 | 6 | 14 |
| | ARENAC | 11,149 | 19.4 | 0.0 | 3,879 | 8 | 33 | 7 | 4 | 13 |
| | BARAGA | 7,789 | 2.9 | 35.5 | 2,510 | 5 | 26 | 7 | 3 | 26 |
| | BARRY | 38,166 | 7.6 | 17.0 | 14,483 | 5 | 44 | 6 | 5 | 11 |
| | BAY | 117,339 | 2.0 | 66.9 | 43,868 | 5 | 39 | 6 | 4 | 9 |
| | BENZIE | 8,593 | 15.5 | 0.0 | 3,161 | 9 | 20 | 10 | 6 | 15 |
| | BERRIEN | 163,940 | 4.2 | 46.6 | 66,769 | 5 | 43 | 7 | 5 | 9 |
| | BRANCH | 37,906 | 0.0 | 24.0 | 14,212 | 6 | 33 | 5 | 4 | 16 |
| | CALHOUN | 141,963 | - 0.5 | 59.6 | 58,415 | 3 | 36 | 7 | 5 | 14 |
| | CASS | 43,312 | 5.4 | 20.2 | 17,338 | 5 | 50 | 5 | 4 | 8 |
| | CHARLEVOIX | 16,541 | 11.3 | 40.6 | 6,342 | 7 | 31 | 6 | 8 | 13 |
| | CHEBOYGAN | 16,573 | 16.5 | 35.9 | 5,598 | 6 | 24 | 8 | 8 | 16 |
| | CHIPPEWA | 32,412 | 11.5 | 66.2 | 9,000 | 9 | 5 | 13 | 7 | 34 |
| | CLARE | 16,695 | 27.5 | 16.3 | 5,558 | 9 | 28 | 8 | 5 | 13 |
| | CLINTON | 48,492 | 9.7 | 21.3 | 18,521 | 7 | 31 | 7 | 4 | 15 |
| | CRAWFORD | 6,482 | 24.8 | 0.0 | 2,342 | 7 | 22 | 7 | 11 | 20 |
| | DELTA | 35,924 | 10.0 | 57.4 | 12,244 | 6 | 26 | 7 | 6 | 13 |
| | DICKINSON | 23,753 | 5.7 | 71.6 | 8,197 | 7 | 21 | 7 | 6 | 16 |
| | EATON | 68,892 | 9.9 | 42.4 | 27,330 | 6 | 34 | 9 | 5 | 17 |
| | EMMET | 18,331 | 16.4 | 34.2 | 6,835 | 9 | 15 | 7 | 10 | 14 |
| | GENESEE | 445,589 | 1.1 | 77.3 | 168,389 | 3 | 46 | 7 | 5 | 11 |
| | GLADWIN | 13,471 | 23.0 | 0.0 | 4,424 | 7 | 40 | 5 | 7 | 11 |
| | GOGEBIC | 20,676 | 0.0 | 68.9 | 6,897 | 3 | 17 | 7 | 5 | 17 |
| | GRAND TRAVERSE | 39,175 | 15.1 | 46.1 | 14,743 | 6 | 17 | 7 | 6 | 17 |
| | GRATIOT | 39,246 | 1.3 | 42.4 | 14,770 | 5 | 31 | 9 | 5 | 9 |
| | HILLSDALE | 37,171 | 9.5 | 20.8 | 14,659 | 4 | 37 | 8 | 5 | 13 |
| | HOUGHTON | 34,652 | 6.0 | 39.7 | 10,658 | 6 | 8 | 23 | 6 | 26 |
| | HURON | 34,083 | 4.5 | 8.8 | 11,652 | 5 | 29 | 7 | 5 | 11 |
| | INGHAM | 261,039 | 3.8 | 85.7 | 111,542 | 5 | 21 | 19 | 6 | 30 |
| | IONIA | 45,848 | 2.8 | 33.4 | 16,544 | 5 | 40 | 5 | 5 | 15 |
| | IOSCO | 24,905 | 15.5 | 41.8 | 6,070 | 9 | 14 | 8 | 8 | 22 |
| | IRON | 13,813 | 3.4 | 19.4 | 4,533 | 6 | 8 | 8 | 7 | 25 |
| | ISABELLA | 44,594 | 14.0 | 46.0 | 16,833 | 4 | 15 | 25 | 6 | 33 |
| | JACKSON | 143,274 | 2.7 | 54.9 | 55,326 | 4 | 35 | 7 | 5 | 12 |
| | KALAMAZOO | 201,550 | 0.8 | 75.4 | 82,997 | 4 | 33 | 12 | 5 | 17 |
| | KALKASKA | 5,372 | 49.4 | 0.0 | 1,657 | 13 | 27 | 7 | 7 | 18 |
| | KENT | 411,044 | 3.9 | 83.2 | 166,035 | 4 | 31 | 7 | 7 | 9 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| MI | KEWEENAW | 2,264 | - 6.1 | 0.0 | 605 | 4 | 18 | 6 | 4 | 34 |
| | LAKE | 5,661 | 18.2 | 0.0 | 1,816 | 8 | 21 | 7 | 8 | 30 |
| | LAPEER | 52,361 | 18.3 | 12.0 | 18,040 | 4 | 41 | 6 | 4 | 16 |
| | LEELANAU | 10,872 | 13.0 | 0.0 | 3,864 | 12 | 15 | 7 | 9 | 15 |
| | LENAWEE | 81,951 | 5.8 | 40.2 | 32,959 | 4 | 43 | 8 | 5 | 9 |
| | LIVINGSTON | 58,967 | 33.1 | 11.0 | 22,166 | 8 | 34 | 7 | 6 | 12 |
| | LUCE | 6,789 | 7.7 | 0.0 | 2,183 | 5 | 7 | 5 | 6 | 46 |
| | MACKINAC | 9,660 | 10.2 | 29.9 | 3,056 | 11 | 7 | 10 | 9 | 33 |
| | MACOMB | 625,204 | 6.9 | 92.2 | 240,015 | 4 | 42 | 6 | 5 | 10 |
| | MANISTEE | 20,393 | 6.1 | 38.4 | 7,508 | 4 | 39 | 6 | 5 | 14 |
| | MARQUETTE | 64,686 | 8.7 | 65.3 | 20,986 | 3 | 6 | 16 | 6 | 27 |
| | MASON | 22,612 | 8.2 | 39.9 | 8,623 | 7 | 33 | 7 | 5 | 13 |
| | MECOSTA | 27,992 | 25.9 | 42.9 | 10,275 | 5 | 20 | 24 | 5 | 30 |
| | MENOMINEE | 24,587 | 3.6 | 43.7 | 8,720 | 5 | 37 | 6 | 4 | 12 |
| | MIDLAND | 63,769 | 5.8 | 54.8 | 23,470 | 5 | 45 | 8 | 6 | 11 |
| | MISSAUKEE | 7,126 | 22.7 | 0.0 | 2,472 | 8 | 22 | 10 | 7 | 14 |
| | MONROE | 119,215 | 6.1 | 34.8 | 44,086 | 6 | 41 | 6 | 4 | 9 |
| | MONTCALM | 39,660 | 11.6 | 18.9 | 15,064 | 5 | 41 | 6 | 4 | 10 |
| | MONTMORENCY | 5,247 | 31.9 | 0.0 | 1,579 | 12 | 29 | 8 | 4 | 22 |
| | MUSKEGON | 157,426 | - 0.4 | 69.2 | 60,084 | 3 | 44 | 6 | 5 | 11 |
| | NEWAYGO | 27,992 | 10.7 | 12.4 | 9,631 | 6 | 35 | 8 | 5 | 12 |
| | OAKLAND | 907,871 | 6.6 | 90.0 | 363,526 | 5 | 34 | 8 | 6 | 11 |
| | OCEANA | 17,984 | 16.3 | 0.0 | 6,330 | 6 | 38 | 6 | 5 | 15 |
| | OGEMAW | 11,903 | 24.6 | 0.0 | 3,653 | 11 | 20 | 5 | 5 | 16 |
| | ONTONAGON | 10,548 | 7.0 | 0.0 | 3,626 | 4 | 14 | 10 | 3 | 18 |
| | OSCEOLA | 14,838 | 16.4 | 0.0 | 5,522 | 4 | 38 | 7 | 4 | 13 |
| | OSCODA | 4,726 | 29.7 | 0.0 | 1,444 | 9 | 17 | 11 | 13 | 26 |
| | OTSEGO | 10,422 | 28.6 | 28.9 | 3,922 | 6 | 22 | 6 | 11 | 15 |
| | OTTAWA | 128,181 | 9.6 | 48.5 | 50,183 | 6 | 38 | 8 | 5 | 10 |
| | PRESQUE ISLE | 12,836 | 9.9 | 32.3 | 3,794 | 6 | 12 | 8 | 5 | 16 |
| | ROSCOMMON | 9,892 | 45.2 | 0.0 | 3,031 | 11 | 15 | 8 | 7 | 21 |
| | SAGINAW | 219,743 | 3.2 | 69.6 | 80,572 | 4 | 38 | 6 | 5 | 10 |
| | ST CLAIR | 119,280 | 9.4 | 46.1 | 44,456 | 6 | 35 | 6 | 5 | 10 |
| | ST JOSEPH | 47,392 | 8.0 | 35.1 | 19,211 | 4 | 49 | 5 | 4 | 10 |
| | SANILAC | 35,181 | 9.5 | 0.0 | 12,764 | 6 | 34 | 5 | 5 | 11 |
| | SCHOOLCRAFT | 8,226 | 4.8 | 52.5 | 2,623 | 5 | 13 | 8 | 7 | 24 |
| | SHIAWASSEE | 63,075 | 10.5 | 37.6 | 24,248 | 4 | 42 | 7 | 4 | 10 |
| | TUSCOLA | 48,603 | 10.5 | 13.4 | 16,788 | 5 | 39 | 6 | 4 | 15 |
| | VAN BUREN | 56,173 | 10.5 | 21.6 | 21,147 | 6 | 40 | 6 | 5 | 11 |
| | WASHTENAW | 234,103 | 9.5 | 78.3 | 102,749 | 4 | 23 | 23 | 5 | 30 |
| | WAYNE | 2,670,368 | - 5.0 | 98.2 | 1,061,985 | 3 | 37 | 6 | 7 | 12 |
| | WEXFORD | 19,717 | 11.5 | 51.0 | 7,039 | 7 | 30 | 7 | 7 | 15 |
| MN | MINNESOTA | 3,806,103 | 3.1 | 66.4 | 1,528,436 | 5 | 21 | 8 | 7 | 15 |
| | AITKIN | 11,403 | 10.9 | 0.0 | 3,826 | 5 | 15 | 9 | 8 | 19 |
| | ANOKA | 154,712 | 19.8 | 87.8 | 60,775 | 7 | 33 | 6 | 6 | 12 |
| | BECKER | 24,372 | 7.5 | 23.8 | 7,942 | 9 | 9 | 7 | 7 | 16 |
| | BELTRAMI | 26,373 | 13.4 | 43.4 | 9,375 | 6 | 7 | 21 | 6 | 37 |
| | BENTON | 20,841 | 6.1 | 44.2 | 7,701 | 6 | 20 | 10 | 5 | 16 |
| | BIG STONE | 7,941 | 0.0 | 35.9 | 2,949 | 5 | 6 | 8 | 6 | 16 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| MN | BLUE EARTH | 52,322 | -0.5 | 59.0 | 21,601 | 5 | 15 | 15 | 5 | 19 |
| | BROWN | 28,887 | 2.8 | 65.8 | 11,048 | 5 | 22 | 7 | 6 | 9 |
| | CARLTON | 28,072 | 1.5 | 31.4 | 9,997 | 5 | 37 | 7 | 4 | 17 |
| | CARVER | 28,331 | 20.0 | 32.5 | 11,476 | 7 | 28 | 7 | 6 | 8 |
| | CASS | 17,323 | 15.2 | 0.0 | 5,221 | 7 | 12 | 8 | 8 | 25 |
| | CHIPPEWA | 15,109 | 0.1 | 41.1 | 5,564 | 5 | 7 | 8 | 6 | 13 |
| | CHISAGO | 17,492 | 25.5 | 0.0 | 6,367 | 8 | 24 | 7 | 5 | 18 |
| | CLAY | 46,608 | 1.4 | 68.7 | 18,683 | 5 | 6 | 18 | 7 | 17 |
| | CLEARWATER | 8,013 | 7.7 | 0.0 | 2,864 | 5 | 12 | 10 | 5 | 21 |
| | COOK | 3,423 | 6.2 | 0.0 | 1,373 | 9 | 7 | 8 | 11 | 33 |
| | COTTONWOOD | 14,887 | 6.1 | 25.7 | 5,593 | 5 | 14 | 8 | 5 | 12 |
| | CROW WING | 34,826 | 12.9 | 33.5 | 11,925 | 8 | 14 | 6 | 6 | 23 |
| | DAKOTA | 139,808 | 24.7 | 84.5 | 54,912 | 6 | 27 | 7 | 5 | 13 |
| | DODGE | 13,037 | 2.6 | 0.0 | 5,127 | 5 | 16 | 7 | 8 | 11 |
| | DOUGLAS | 22,910 | 8.3 | 30.5 | 8,751 | 6 | 9 | 8 | 7 | 14 |
| | FARIBAULT | 20,896 | -2.8 | 32.3 | 7,517 | 6 | 16 | 8 | 5 | 12 |
| | FILLMORE | 21,916 | 0.0 | 11.7 | 8,329 | 5 | 10 | 6 | 6 | 13 |
| | FREEBORN | 38,064 | -3.8 | 51.0 | 14,971 | 5 | 28 | 6 | 6 | 8 |
| | GOODHUE | 34,804 | 7.3 | 30.2 | 13,732 | 5 | 24 | 7 | 5 | 13 |
| | GRANT | 7,462 | -1.0 | 0.0 | 2,512 | 5 | 5 | 10 | 4 | 16 |
| | HENNEPIN | 960,080 | -3.6 | 98.4 | 433,510 | 5 | 21 | 6 | 9 | 13 |
| | HOUSTON | 17,556 | 0.4 | 32.8 | 6,946 | 7 | 17 | 6 | 5 | 11 |
| | HUBBARD | 10,583 | 9.7 | 26.2 | 3,405 | 8 | 9 | 10 | 9 | 24 |
| | ISANTI | 16,560 | 24.1 | 20.9 | 5,995 | 8 | 23 | 8 | 5 | 23 |
| | ITASCA | 35,530 | 5.8 | 20.4 | 11,866 | 6 | 14 | 11 | 6 | 24 |
| | JACKSON | 14,352 | 1.4 | 24.7 | 5,175 | 4 | 10 | 6 | 5 | 14 |
| | KANABEC | 9,775 | 15.9 | 26.4 | 3,804 | 6 | 21 | 6 | 7 | 19 |
| | KANDIYOHI | 30,548 | 6.8 | 42.1 | 11,788 | 6 | 11 | 7 | 4 | 16 |
| | KITTSON | 6,853 | 0.9 | 0.0 | 2,470 | 5 | 7 | 8 | 5 | 18 |
| | KOOCHICHING | 17,131 | 2.1 | 37.7 | 6,181 | 3 | 40 | 9 | 7 | 18 |
| | LAC QUI PARLE | 11,164 | -2.0 | 0.0 | 3,947 | 5 | 5 | 7 | 5 | 14 |
| | LAKE | 13,351 | 6.2 | 56.6 | 4,713 | 4 | [illegible] | 7 | 4 | 18 |
| | LAKE OF THE WOODS | 3,987 | 6.3 | 0.0 | 1,217 | 7 | 16 | 8 | 9 | 25 |
| | LE SUEUR | 21,332 | 3.8 | 22.1 | 7,815 | 7 | 26 | 7 | 5 | 13 |
| | LINCOLN | 8,143 | 4.5 | 0.0 | 2,811 | 4 | 3 | 6 | 5 | 13 |
| | LYON | 24,273 | 1.0 | 51.5 | 9,483 | 6 | 9 | 12 | 5 | 18 |
| | MC LEOD | 27,662 | 4.8 | 43.5 | 11,322 | 5 | 31 | 6 | 4 | 10 |
| | MAHNOMEN | 5,638 | 0.2 | 0.0 | 1,874 | 5 | 10 | 10 | 6 | 19 |
| | MARSHALL | 13,060 | 2.8 | 0.0 | 4,467 | 6 | 10 | 9 | 5 | 15 |
| | MARTIN | 24,316 | 3.5 | 44.2 | 9,331 | 5 | 17 | 7 | 6 | 10 |
| | MEEKER | 18,387 | 9.2 | 28.0 | 6,787 | 6 | 22 | 6 | 4 | 12 |
| | MILLE LACS | 15,703 | 13.2 | 17.0 | 5,546 | 7 | 19 | 9 | 5 | 17 |
| | MORRISON | 26,949 | 3.5 | 27.7 | 9,066 | 6 | 17 | 9 | 4 | 16 |
| | MOWER | 44,919 | -4.5 | 57.2 | 16,909 | 4 | 33 | 8 | 6 | 11 |
| | MURRAY | 12,508 | -7.1 | 0.0 | 4,145 | 4 | 6 | 6 | 5 | 12 |
| | NICOLLET | 24,518 | -5.2 | 63.3 | 9,552 | 4 | 17 | 15 | 5 | 17 |
| | NOBLES | 23,208 | -1.3 | 42.3 | 8,731 | 4 | 14 | 9 | 5 | 13 |
| | NORMAN | 10,008 | -4.9 | 0.0 | 3,361 | 5 | 7 | 6 | 5 | 14 |
| | OLMSTED | 84,104 | 5.2 | [illegible] | 36,173 | 5 | 16 | 6 | 8 | 11 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| MN | OTTER TAIL | 46,097 | 5.6 | 27.0 | 16,901 | 5 | 9 | 7 | 6 | 16 |
| | PENNINGTON | 13,266 | 9.7 | 63.7 | 5,469 | 4 | 16 | 6 | 6 | 15 |
| | PINE | 16,821 | 11.4 | 0.0 | 6,016 | 7 | 15 | 7 | 4 | 24 |
| | PIPESTONE | 12,791 | - 6.0 | 41.7 | 4,663 | 3 | 7 | 11 | 8 | 17 |
| | POLK | 34,435 | 2.4 | 46.3 | 12,618 | 5 | 10 | 9 | 6 | 16 |
| | POPE | 11,107 | - 1.3 | 22.9 | 4,150 | 5 | 9 | 7 | 6 | 15 |
| | RAMSEY | 476,255 | - 3.9 | 99.7 | 204,450 | 5 | 26 | 9 | 6 | 16 |
| | RED LAKE | 5,388 | - 4.1 | 0.0 | 1,757 | 3 | 20 | 10 | 4 | 20 |
| | REDWOOD | 20,024 | - 3.2 | 24.1 | 6,941 | 5 | 8 | 6 | 6 | 15 |
| | RENVILLE | 21,139 | - 2.0 | 12.1 | 7,521 | 6 | 11 | 7 | 4 | 14 |
| | RICE | 41,582 | 4.9 | 64.3 | 16,261 | 5 | 15 | 22 | 5 | 18 |
| | ROCK | 11,346 | - 0.4 | 41.5 | 4,239 | 4 | 13 | 7 | 5 | 12 |
| | ROSEAU | 11,569 | 5.5 | 22.1 | 4,173 | 5 | 24 | 9 | 5 | 20 |
| | ST LOUIS | 220,693 | - 2.6 | 71.9 | 81,613 | 5 | 14 | 9 | 6 | 17 |
| | SCOTT | 32,423 | 23.4 | 37.4 | 12,394 | 8 | 30 | 6 | 4 | 10 |
| | SHERBURNE | 18,344 | 43.4 | 21.4 | 6,514 | 8 | 22 | 12 | 5 | 20 |
| | SIBLEY | 15,845 | - 1.4 | 0.0 | 6,147 | 5 | 21 | 6 | 4 | 11 |
| | STEARNS | 95,400 | 7.2 | 40.0 | 33,779 | 5 | 18 | 12 | 5 | 16 |
| | STEELE | 26,931 | 6.0 | 57.0 | 11,295 | 5 | 28 | 7 | 5 | 12 |
| | STEVENS | 11,218 | - 1.0 | 48.5 | 4,221 | 6 | 4 | 19 | 7 | 30 |
| | SWIFT | 13,177 | - 0.6 | 26.4 | 4,795 | 4 | 12 | 8 | 5 | 16 |
| | TODD | 22,114 | 5.9 | 11.9 | 7,638 | 4 | 13 | 9 | 4 | 12 |
| | TRAVERSE | 6,254 | 3.7 | 0.0 | 2,152 | 5 | 3 | 9 | 6 | 20 |
| | WABASHA | 17,224 | 5.7 | 20.4 | 6,482 | 6 | 20 | 6 | 6 | 12 |
| | WADENA | 12,412 | 9.7 | 37.4 | 4,043 | 6 | 8 | 9 | 6 | 18 |
| | WASECA | 16,663 | 2.4 | 41.0 | 6,566 | 4 | 32 | 6 | 4 | 11 |
| | WASHINGTON | 83,003 | 23.7 | 69.0 | 31,180 | 7 | 31 | 6 | 5 | 13 |
| | WATONWAN | 13,298 | - 5.6 | 30.2 | 4,961 | 5 | 17 | 8 | 6 | 12 |
| | WILKIN | 9,389 | - 6.3 | 43.7 | 3,224 | 4 | 4 | 8 | 5 | 12 |
| | WINONA | 44,409 | 1.5 | 59.4 | 18,193 | 5 | 24 | 15 | 6 | 14 |
| | WRIGHT | 38,933 | 19.9 | 8.4 | 14,485 | 8 | 23 | 6 | 8 | 11 |
| | YELLOW MEDICINE | 14,523 | - 2.6 | 17.9 | 5,074 | 5 | 9 | 9 | 3 | 19 |
| MS | MISSISSIPPI | 2,216,994 | 5.8 | 44.5 | 756,487 | 7 | 25 | 9 | 9 | 18 |
| | ADAMS | 37,293 | 3.7 | 52.8 | 12,815 | 4 | 24 | 9 | 11 | 13 |
| | ALCORN | 27,179 | 6.2 | 42.6 | 10,536 | 5 | 42 | 4 | 7 | 12 |
| | AMITE | 13,763 | - 5.8 | 0.0 | 4,253 | 7 | 34 | 8 | 6 | 16 |
| | ATTALA | 19,570 | - 2.9 | 37.1 | 6,573 | 7 | 32 | 6 | 9 | 14 |
| | BENTON | 7,505 | - 3.0 | 0.0 | 2,407 | 5 | 35 | 11 | 7 | 23 |
| | BOLIVAR | 49,409 | - 2.2 | 42.1 | 15,388 | 5 | 17 | 15 | 9 | 21 |
| | CALHOUN | 14,623 | 5.0 | 0.0 | 5,139 | 5 | 40 | 5 | 7 | 12 |
| | CARROLL | 9,397 | - 8.2 | 0.0 | 2,996 | 8 | 23 | 6 | 6 | 17 |
| | CHICKASAW | 16,805 | 3.8 | 34.0 | 6,071 | 4 | 47 | 5 | 7 | 9 |
| | CHOCTAW | 8,440 | 7.7 | 0.0 | 2,699 | 9 | 43 | 8 | 6 | 17 |
| | CLAIBORNE | 10,086 | 7.0 | 26.3 | 2,992 | 4 | 30 | 20 | 9 | 25 |
| | CLARKE | 15,049 | 0.7 | 18.5 | 5,248 | 5 | 39 | 8 | 8 | 15 |
| | CLAY | 18,840 | 3.3 | 45.2 | 6,742 | 5 | 34 | 11 | 11 | 13 |
| | COAHOMA | 40,447 | - 5.1 | 53.6 | 11,935 | 4 | 12 | 13 | 13 | 23 |
| | COPIAH | 24,764 | 3.1 | 35.0 | 7,931 | 7 | 32 | 8 | 9 | 15 |
| | COVINGTON | 14,062 | 2.7 | 0.0 | 4,577 | 12 | 30 | 7 | 6 | 16 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| MS | DE SOTO | 35,865 | 35.1 | 24.9 | 11,982 | 7 | 29 | 4 | 8 | 10 |
| | FORREST | 57,849 | 4.4 | 77.7 | 21,488 | 6 | 17 | 14 | 10 | 20 |
| | FRANKLIN | 8,011 | 4.0 | 0.0 | 2,546 | 8 | 30 | 9 | 9 | 17 |
| | GEORGE | 12,459 | 9.8 | 0.0 | 3,977 | 11 | 36 | 8 | 3 | 16 |
| | GREENE | 8,545 | 3.6 | 0.0 | 2,596 | 7 | 42 | 10 | 6 | 18 |
| | GRENADA | 19,854 | 1.8 | 50.1 | 7,522 | 6 | 36 | 4 | 9 | 11 |
| | HANCOCK | 17,387 | 4.4 | 57.8 | 5,851 | 15 | 19 | 10 | 7 | 21 |
| | HARRISON | 134,582 | 9.1 | 83.2 | 39,508 | 11 | 12 | 7 | 11 | 25 |
| | HINDS | 214,973 | 7.6 | 83.9 | 84,729 | 7 | 13 | 9 | 11 | 20 |
| | HOLMES | 23,120 | - 0.6 | 23.8 | 6,429 | 6 | 16 | 12 | 9 | 20 |
| | HUMPHREYS | 14,601 | - 4.1 | 21.2 | 4,143 | 6 | 10 | 8 | 10 | 15 |
| | ISSAQUENA | 2,737 | - 14.7 | 0.0 | 789 | 2 | 9 | 6 | 4 | 19 |
| | ITAWAMBA | 16,847 | 6.9 | 17.2 | 6,742 | 8 | 50 | 6 | 5 | 11 |
| | JACKSON | 87,975 | 20.2 | 71.6 | 30,634 | 8 | 41 | 7 | 6 | 15 |
| | JASPER | 15,994 | 3.1 | 0.0 | 4,825 | 9 | 34 | 8 | 5 | 15 |
| | JEFFERSON | 9,295 | - 7.6 | 0.0 | 2,308 | 10 | 24 | 9 | 8 | 24 |
| | JEFFERSON DAVIS | 12,936 | - 0.2 | 0.0 | 3,815 | 6 | 24 | 9 | 8 | 20 |
| | JONES | 56,357 | 4.2 | 51.1 | 19,618 | 7 | 24 | 7 | 9 | 15 |
| | KEMPER | 10,233 | - 0.1 | 0.0 | 2,916 | 8 | 26 | 10 | 7 | 21 |
| | LAFAYETTE | 24,181 | 12.4 | 57.5 | 8,200 | 6 | 11 | 29 | 11 | 40 |
| | LAMAR | 15,209 | 20.0 | 2.1 | 4,996 | 13 | 29 | 7 | 6 | 16 |
| | LAUDERDALE | 67,087 | 7.5 | 67.2 | 23,714 | 6 | 19 | 7 | 11 | 17 |
| | LAWRENCE | 11,137 | 6.9 | 0.0 | 3,329 | 9 | 31 | 8 | 8 | 15 |
| | LEAKE | 17,085 | 3.3 | 17.7 | 5,628 | 10 | 32 | 6 | 6 | 16 |
| | LEE | 46,148 | 12.0 | 44.4 | 19,176 | 5 | 33 | 4 | 8 | 11 |
| | LEFLORE | 42,111 | - 2.8 | 53.2 | 14,357 | 5 | 16 | 12 | 11 | 19 |
| | LINCOLN | 26,198 | 1.8 | 40.8 | 9,302 | 8 | 27 | 7 | 9 | 13 |
| | LOWNDES | 49,700 | 9.1 | 60.3 | 17,456 | 5 | 26 | 11 | 12 | 19 |
| | MADISON | 29,737 | 10.2 | 35.3 | 9,213 | 5 | 29 | 10 | 9 | 16 |
| | MARION | 22,971 | 5.2 | 32.8 | 7,293 | 10 | 29 | 6 | 7 | 14 |
| | MARSHALL | 24,027 | 14.6 | 23.8 | 6,914 | 8 | 29 | 11 | 7 | 16 |
| | MONROE | 34,043 | 0.9 | 39.4 | 13,264 | 4 | 46 | 4 | 7 | 10 |
| | MONTGOMERY | 12,918 | 3.6 | 42.5 | 4,516 | 4 | 35 | 4 | 8 | 14 |
| | NESHOBA | 20,802 | 8.8 | 30.6 | 7,487 | 8 | 36 | 7 | 6 | 19 |
| | NEWTON | 18,983 | 4.5 | 18.7 | 6,808 | 8 | 32 | 8 | 7 | 16 |
| | NOXUBEE | 14,288 | - 10.3 | 20.1 | 4,350 | 5 | 22 | 5 | 14 | 11 |
| | OKTIBBEHA | 28,752 | 9.1 | 55.9 | 10,001 | 5 | 14 | 34 | 10 | 42 |
| | PANOLA | 26,829 | 2.9 | 14.1 | 8,924 | 7 | 28 | 6 | 9 | 15 |
| | PEARL RIVER | 27,802 | - 0.6 | 37.6 | 9,589 | 12 | 31 | 7 | 9 | 14 |
| | PERRY | 9,065 | 9.1 | 0.0 | 2,964 | 9 | 38 | 9 | 4 | 18 |
| | PIKE | 31,813 | 6.7 | 37.3 | 10,761 | 6 | 24 | 7 | 10 | 15 |
| | PONTOTOC | 17,363 | 12.3 | 19.9 | 6,313 | 7 | 39 | 5 | 8 | 13 |
| | PRENTISS | 20,133 | 4.0 | 29.3 | 6,153 | 7 | 44 | 6 | 6 | 13 |
| | QUITMAN | 15,888 | - 9.7 | 16.4 | 4,432 | 5 | 21 | 10 | 10 | 17 |
| | RANKIN | 43,933 | 29.8 | 27.8 | 15,543 | 9 | 19 | 4 | 8 | 20 |
| | SCOTT | 21,369 | 3.2 | 31.4 | 7,237 | 7 | 40 | 5 | 5 | 10 |
| | SHARKEY | 8,937 | - 10.0 | 0.0 | 2,769 | 4 | 10 | 11 | 10 | 21 |
| | SIMPSON | 19,947 | 6.4 | 14.6 | 6,752 | 8 | 33 | 4 | 6 | 16 |
| | SMITH | 13,561 | 7.3 | 0.0 | 4,711 | 7 | 33 | 4 | 5 | 13 |

| | | | PCT | PCT | CIVILIAN | EMPLOYMENT | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1970 | CHG | URB | LABOR | PCT | DISTRIBUTION | | | |
| STATE AND COUNTY | | POPULATION | 1975 | 1970 | FORCE | CONS | MFG | EDU | SVC | GOV |
| MS | STONE | 8,101 | 3.8 | 36.2 | 2,880 | 11 | 27 | 13 | 6 | 20 |
| | SUNFLOWER | 37,047 | - 4.0 | 31.4 | 10,695 | 4 | 15 | 12 | 11 | 20 |
| | TALLAHATCHIE | 19,338 | - 7.0 | 13.6 | 5,250 | 4 | 19 | 7 | 11 | 17 |
| | TATE | 18,544 | 10.9 | 22.9 | 6,005 | 7 | 27 | 10 | 10 | 16 |
| | TIPPAH | 15,852 | 11.2 | 22.0 | 5,944 | 6 | 36 | 8 | 6 | 13 |
| | TISHOMINGO | 14,940 | 4.0 | 0.0 | 5,572 | 7 | 45 | 6 | 7 | 14 |
| | TUNICA | 11,854 | - 9.0 | 0.0 | 3,005 | 5 | 13 | 9 | 12 | 14 |
| | UNION | 19,096 | 6.2 | 33.7 | 7,251 | 5 | 40 | 6 | 6 | 14 |
| | WALTHALL | 12,500 | 1.1 | 0.0 | 4,048 | 9 | 27 | 7 | 6 | 17 |
| | WARREN | 44,981 | 5.5 | 56.9 | 16,440 | 14 | 20 | 7 | 10 | 24 |
| | WASHINGTON | 70,581 | - 0.1 | 69.3 | 23,778 | 7 | 19 | 9 | 11 | 17 |
| | WAYNE | 16,650 | 6.0 | 26.2 | 5,213 | 8 | 31 | 7 | 7 | 15 |
| | WEBSTER | 10,047 | 0.9 | 0.0 | 3,371 | 5 | 40 | 7 | 7 | 13 |
| | WILKINSON | 11,099 | - 12.3 | 0.0 | 3,416 | 7 | 32 | 7 | 9 | 15 |
| | WINSTON | 18,406 | 7.4 | 35.7 | 5,907 | 7 | 39 | 5 | 6 | 11 |
| | YALOBUSHA | 11,915 | 4.4 | 30.2 | 4,171 | 7 | 34 | 9 | 10 | 18 |
| | YAZOO | 27,314 | - 3.4 | 39.5 | 8,665 | 5 | 20 | 6 | 13 | 15 |
| MO | MISSOURI | 4,677,623 | 1.8 | 70.1 | 1,845,402 | 5 | 24 | 7 | 7 | 14 |
| | ADAIR | 22,472 | 8.5 | 68.4 | 9,706 | 5 | 14 | 19 | 6 | 23 |
| | ANDREW | 11,913 | 11.1 | 27.9 | 4,457 | 8 | 15 | 6 | 6 | 13 |
| | ATCHISON | 9,240 | 0.7 | 27.2 | 3,807 | 7 | 9 | 15 | 6 | 11 |
| | AUDRAIN | 25,362 | 1.1 | 58.9 | 10,176 | 4 | 33 | 6 | 5 | 10 |
| | BARRY | 19,597 | 9.0 | 21.2 | 7,019 | 5 | 30 | 5 | 7 | 9 |
| | BARTON | 10,431 | 4.6 | 36.0 | 3,917 | 5 | 14 | 5 | 7 | 12 |
| | BATES | 15,468 | 3.1 | 25.8 | 5,800 | 8 | 14 | 5 | 6 | 14 |
| | BENTON | 9,695 | 18.2 | 0.0 | 3,378 | 6 | 16 | 4 | 6 | 11 |
| | BOLLINGER | 8,820 | 9.7 | 0.0 | 2,711 | 9 | 34 | 5 | 3 | 10 |
| | BOONE | 80,935 | 9.0 | 77.8 | 35,886 | 5 | 6 | 31 | 6 | 41 |
| | BUCHANAN | 86,915 | - 0.5 | 87.6 | 34,005 | 5 | 27 | 4 | 7 | 11 |
| | BUTLER | 33,529 | 9.3 | 49.7 | 11,026 | 6 | 15 | 7 | 8 | 15 |
| | CALDWELL | 8,351 | 7.0 | 0.0 | 3,005 | 6 | 15 | 9 | 6 | 16 |
| | CALLAWAY | 25,991 | 4.7 | 47.1 | 9,828 | 6 | 17 | 11 | 4 | 29 |
| | CAMDEN | 13,315 | 19.8 | 0.0 | 4,474 | 15 | 11 | 5 | 13 | 11 |
| | CAPE GIRARDEAU | 49,350 | 5.3 | 74.6 | 20,403 | 7 | 19 | 11 | 7 | 15 |
| | CARROLL | 12,565 | - 2.9 | 38.4 | 4,686 | 7 | 19 | 5 | 7 | 12 |
| | CARTER | 3,878 | 15.1 | 0.0 | 1,202 | 7 | 30 | 7 | 5 | 22 |
| | CASS | 39,448 | 20.8 | 44.7 | 14,770 | 8 | 27 | 6 | 5 | 16 |
| | CEDAR | 9,424 | 12.2 | 33.1 | 3,303 | 11 | 23 | 7 | 5 | 15 |
| | CHARITON | 11,084 | - 4.6 | 0.0 | 4,202 | 7 | 15 | 7 | 6 | 11 |
| | CHRISTIAN | 15,124 | 27.2 | 0.0 | 5,759 | 9 | 32 | 6 | 5 | 10 |
| | CLARK | 8,260 | - 1.5 | 0.0 | 2,939 | 6 | 24 | 6 | 3 | 11 |
| | CLAY | 123,702 | 6.9 | 90.2 | 54,217 | 5 | 23 | 6 | 5 | 11 |
| | CLINTON | 12,462 | 13.5 | 26.5 | 4,729 | 5 | 18 | 5 | 7 | 12 |
| | COLE | 46,228 | 9.3 | 69.6 | 19,168 | 10 | 10 | 8 | 7 | 34 |
| | COOPER | 14,732 | - 1.2 | 50.4 | 5,870 | 5 | 20 | 9 | 4 | 14 |
| | CRAWFORD | 14,828 | 8.6 | 6.9 | 5,016 | 6 | 31 | 5 | 4 | 9 |
| | DADE | 6,850 | 6.1 | 0.0 | 2,501 | 8 | 13 | 6 | 5 | 19 |
| | DALLAS | 10,054 | 15.3 | 0.0 | 2,666 | 9 | 17 | 6 | 8 | 11 |
| | DAVIESS | 8,420 | 3.7 | 0.0 | 3,052 | 6 | 15 | 7 | 6 | 13 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| MO | DE KALB | 7,305 | 5.4 | 6.1 | 2,556 | 10 | 10 | 7 | 5 | 16 |
| | DENT | 11,457 | 14.1 | 36.8 | 4,042 | 7 | 26 | 6 | 6 | 14 |
| | DOUGLAS | 9,268 | 17.8 | 27.0 | 3,117 | 4 | 26 | 6 | 5 | 9 |
| | DUNKLIN | 33,742 | 7.0 | 44.7 | 11,099 | 5 | 23 | 8 | 8 | 15 |
| | FRANKLIN | 55,127 | 14.3 | 43.3 | 21,408 | 10 | 35 | 5 | 4 | 8 |
| | GASCONADE | 11,878 | 7.9 | 23.6 | 4,796 | 7 | 39 | 5 | 5 | 10 |
| | GENTRY | 8,060 | 0.7 | 0.0 | 3,045 | 5 | 12 | 7 | 6 | 18 |
| | GREENE | 152,929 | 9.9 | 79.3 | 62,674 | 6 | 20 | 8 | 8 | 12 |
| | GRUNDY | 11,819 | - 5.0 | 51.3 | 4,622 | 5 | 18 | 6 | 6 | 11 |
| | HARRISON | 10,257 | - 2.1 | 29.5 | 3,695 | 6 | 7 | 7 | 6 | 12 |
| | HENRY | 18,451 | 1.9 | 56.0 | 6,868 | 7 | 16 | 5 | 7 | 10 |
| | HICKORY | 4,481 | 34.9 | 0.0 | 1,363 | 9 | 7 | 7 | 6 | 17 |
| | HOLT | 6,654 | 1.1 | 0.0 | 2,553 | 4 | 5 | 6 | 5 | 9 |
| | HOWARD | 10,561 | - 2.1 | 33.3 | 4,146 | 8 | 12 | 12 | 6 | 15 |
| | HOWELL | 23,521 | 13.1 | 29.3 | 8,220 | 7 | 27 | 6 | 7 | 13 |
| | IRON | 9,529 | 6.5 | 0.0 | 2,894 | 7 | 25 | 6 | 2 | 10 |
| | JACKSON | 654,178 | - 2.4 | 96.7 | 287,811 | 5 | 23 | 5 | 8 | 15 |
| | JASPER | 79,852 | 3.7 | 68.6 | 31,061 | 5 | 26 | 6 | 7 | 10 |
| | JEFFERSON | 105,248 | 14.0 | 16.8 | 39,686 | 8 | 35 | 5 | 5 | 9 |
| | JOHNSON | 34,172 | 0.1 | 52.6 | 11,626 | 5 | 14 | 25 | 6 | 34 |
| | KNOX | 5,692 | - 3.1 | 0.0 | 2,002 | 4 | 12 | 6 | 5 | 14 |
| | LACLEDE | 19,944 | 8.5 | 43.2 | 7,217 | 6 | 27 | 4 | 7 | 15 |
| | LAFAYETTE | 26,626 | 6.4 | 47.9 | 10,953 | 6 | 25 | 9 | 5 | 16 |
| | LAWRENCE | 24,585 | 11.4 | 39.2 | 9,214 | 6 | 27 | 5 | 6 | 17 |
| | LEWIS | 10,993 | - 2.8 | 24.4 | 4,186 | 5 | 19 | 11 | 6 | 11 |
| | LINCOLN | 18,041 | 9.9 | 14.1 | 6,519 | 10 | 27 | 5 | 5 | 12 |
| | LINN | 15,125 | - 0.7 | 53.6 | 6,154 | 4 | 22 | 5 | 5 | 10 |
| | LIVINGSTON | 15,368 | 1.7 | 60.5 | 6,314 | 6 | 17 | 7 | 5 | 16 |
| | MC DONALD | 12,357 | 25.9 | 0.0 | 4,392 | 7 | 33 | 4 | 5 | 10 |
| | MACON | 15,432 | 2.4 | 34.7 | 6,002 | 7 | 19 | 6 | 5 | 17 |
| | MADISON | 8,641 | 5.2 | 48.2 | 2,732 | 8 | 25 | 6 | 4 | 15 |
| | MARIES | 6,851 | 2.4 | 0.0 | 2,661 | 10 | 30 | 8 | 4 | 20 |
| | MARION | 28,121 | - 0.7 | 76.5 | 11,167 | 6 | 23 | 6 | 7 | 12 |
| | MERCER | 4,910 | - 3.6 | 0.0 | 1,743 | 4 | 6 | 9 | 5 | 13 |
| | MILLER | 15,026 | 6.5 | 23.5 | 5,708 | 9 | 15 | 6 | 9 | 20 |
| | MISSISSIPPI | 16,647 | - 2.8 | 49.0 | 5,160 | 6 | 18 | 8 | 9 | 14 |
| | MONITEAU | 10,742 | 6.9 | 28.3 | 4,155 | 9 | 26 | 5 | 4 | 15 |
| | MONROE | 9,542 | 3.8 | 0.0 | 3,455 | 5 | 19 | 6 | 6 | 10 |
| | MONTGOMERY | 11,000 | 3.3 | 0.0 | 3,850 | 5 | 26 | 5 | 5 | 11 |
| | MORGAN | 10,083 | 20.9 | 0.0 | 3,636 | 8 | 23 | 6 | 10 | 10 |
| | NEW MADRID | 23,420 | 2.1 | 27.5 | 6,930 | 7 | 18 | 11 | 7 | 17 |
| | NEWTON | 32,981 | 6.9 | 29.7 | 12,022 | 7 | 30 | 6 | 7 | 10 |
| | NODAWAY | 22,467 | - 4.6 | 43.8 | 8,885 | 7 | 6 | 18 | 5 | 24 |
| | OREGON | 9,180 | 6.8 | 0.0 | 2,783 | 8 | 21 | 7 | 5 | 14 |
| | OSAGE | 10,994 | 10.7 | 0.0 | 3,965 | 8 | 23 | 7 | 5 | 18 |
| | OZARK | 6,226 | 14.9 | 0.0 | 2,108 | 10 | 18 | 6 | 12 | 14 |
| | PEMISCOT | 26,373 | - 5.1 | 40.5 | 7,890 | 5 | 18 | 10 | 7 | 19 |
| | PERRY | 14,393 | 4.7 | 35.8 | 5,270 | 6 | 31 | 5 | 4 | 8 |
| | PETTIS | 34,137 | 3.5 | 66.9 | 13,182 | 6 | 21 | 5 | 8 | 11 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| MO | PHELPS | 29,567 | 3.5 | 54.9 | 10,464 | 8 | 9 | 19 | 6 | 35 |
| | PIKE | 16,928 | 1.2 | 44.6 | 6,212 | 5 | 26 | 6 | 6 | 13 |
| | PLATTE | 32,081 | 18.1 | 43.0 | 12,995 | 6 | 16 | 6 | 5 | 10 |
| | POLK | 15,415 | 15.5 | 30.9 | 5,521 | 9 | 14 | 11 | 5 | 10 |
| | PULASKI | 53,967 | - 26.2 | 69.2 | 7,303 | 6 | 11 | 10 | 10 | 34 |
| | PUTNAM | 5,916 | 4.7 | 0.0 | 2,124 | 8 | 12 | 5 | 4 | 18 |
| | RALLS | 7,764 | 9.5 | 2.7 | 2,764 | 7 | 26 | 7 | 5 | 14 |
| | RANDOLPH | 22,434 | 3.6 | 58.5 | 8,230 | 5 | 15 | 6 | 6 | 14 |
| | RAY | 17,599 | 7.5 | 28.7 | 6,482 | 9 | 29 | 6 | 4 | 14 |
| | REYNOLDS | 6,106 | 4.2 | 0.0 | 1,647 | 10 | 22 | 8 | 3 | 17 |
| | RIPLEY | 9,803 | 21.6 | 0.0 | 2,738 | 3 | 26 | 8 | 7 | 17 |
| | ST CHARLES | 92,954 | 21.9 | 48.5 | 36,710 | 8 | 34 | 7 | 5 | 9 |
| | ST CLAIR | 7,667 | 23.0 | 0.0 | 2,663 | 7 | 9 | 7 | 6 | 17 |
| | ST FRANCOIS | 36,875 | 4.9 | 48.1 | 12,622 | 7 | 17 | 7 | 6 | 16 |
| | ST LOUIS | 951,671 | 1.3 | 95.8 | 398,024 | 5 | 27 | 8 | 6 | 12 |
| | STE GENEVIEVE | 12,867 | 5.1 | 34.7 | 4,343 | 9 | 36 | 5 | 4 | 9 |
| | SALINE | 24,837 | - 3.5 | 58.5 | 9,982 | 6 | 23 | 9 | 5 | 19 |
| | SCHUYLER | 4,665 | 6.6 | 0.0 | 1,766 | 4 | 19 | 4 | 3 | 12 |
| | SCOTLAND | 5,499 | - 0.3 | 0.0 | 1,731 | 6 | 7 | 6 | 4 | 15 |
| | SCOTT | 33,250 | 5.7 | 51.8 | 12,285 | 8 | 21 | 7 | 7 | 13 |
| | SHANNON | 7,196 | 4.5 | 0.0 | 2,283 | 5 | 45 | 6 | 4 | 17 |
| | SHELBY | 7,906 | - 2.6 | 0.0 | 2,905 | 6 | 13 | 5 | 6 | 12 |
| | STODDARD | 25,771 | 5.1 | 23.4 | 8,711 | 8 | 27 | 7 | 6 | 12 |
| | STONE | 9,921 | 26.1 | 0.0 | 3,723 | 9 | 26 | 7 | 9 | 10 |
| | SULLIVAN | 7,572 | - 0.8 | 0.0 | 2,797 | 4 | 16 | 3 | 4 | 11 |
| | TANEY | 13,023 | 32.7 | 0.0 | 4,821 | 8 | 8 | 20 | 9 | 11 |
| | TEXAS | 18,320 | 12.3 | 0.0 | 6,074 | 6 | 31 | 7 | 5 | 19 |
| | VERNON | 19,065 | 4.9 | 51.9 | 7,001 | 6 | 9 | 9 | 6 | 25 |
| | WARREN | 9,699 | 25.3 | 0.0 | 3,557 | 10 | 32 | 6 | 3 | 11 |
| | WASHINGTON | 15,086 | 6.4 | 18.8 | 4,411 | 6 | 22 | 9 | 5 | 14 |
| | WAYNE | 8,546 | 17.5 | 0.0 | 2,340 | 7 | 26 | 5 | 9 | 14 |
| | WEBSTER | 15,562 | 16.4 | 19.0 | 5,374 | 7 | 28 | 5 | 6 | 12 |
| | WORTH | 3,359 | - 2.8 | 0.0 | 1,207 | 5 | 12 | 9 | 3 | 16 |
| | WRIGHT | 13,667 | 7.8 | 25.9 | 4,387 | 6 | 28 | 5 | 6 | 12 |
| | ST LOUIS CITY | 622,236 | - 14.2 | 0.0 | 247,586 | 3 | 27 | 5 | 9 | 16 |
| MT | MONTANA | 694,409 | 7.8 | 53.6 | 260,649 | 6 | 9 | 10 | 7 | 20 |
| | BEAVERHEAD | 8,187 | 1.8 | 56.5 | 3,310 | 6 | 4 | 13 | 7 | 24 |
| | BIG HORN | 10,057 | 8.8 | 27.0 | 3,317 | 5 | 10 | 11 | 3 | 29 |
| | BLAINE | 6,727 | 1.0 | 0.0 | 2,327 | 6 | 2 | 11 | 6 | 21 |
| | BROADWATER | 2,526 | 11.9 | 0.0 | 920 | 4 | 10 | 6 | 4 | 18 |
| | CARBON | 7,080 | 8.8 | 0.0 | 2,524 | 4 | 5 | 9 | 9 | 16 |
| | CARTER | 1,956 | - 3.8 | 0.0 | 825 | 2 | 2 | 10 | 2 | 21 |
| | CASCADE | 81,804 | 3.5 | 86.9 | 28,101 | 6 | 12 | 8 | 8 | 18 |
| | CHOUTEAU | 6,473 | - 3.5 | 0.0 | 2,479 | 3 | 2 | 10 | 3 | 18 |
| | CUSTER | 12,174 | - 1.2 | 73.9 | 4,684 | 7 | 2 | 7 | 9 | 21 |
| | DANIELS | 3,083 | - 3.0 | 0.0 | 1,094 | 3 | 0 | 6 | 7 | 16 |
| | DAWSON | 11,269 | - 8.1 | 58.7 | 4,371 | 6 | 3 | 7 | 8 | 15 |
| | DEER LODGE | 15,652 | - 2.7 | 62.4 | 5,686 | 2 | 33 | 6 | 5 | 28 |
| | FALLON | 4,050 | - 0.3 | 68.4 | 1,536 | 6 | 1 | 7 | 9 | 13 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| MT | FERGUS | 12,611 | 2.0 | 53.0 | 4,554 | 4 | 5 | 6 | 6 | 17 |
| | FLATHEAD | 39,460 | 12.1 | 41.8 | 13,613 | 7 | 23 | 7 | 7 | 15 |
| | GALLATIN | 32,505 | 19.4 | 57.4 | 12,828 | 5 | 6 | 27 | 7 | 34 |
| | GARFIELD | 1,796 | - 12.9 | 0.0 | 735 | 8 | 2 | 10 | 7 | 19 |
| | GLACIER | 10,783 | 7.4 | 36.2 | 3,582 | 6 | 2 | 9 | 7 | 26 |
| | GOLDEN VALLEY | 931 | - 0.4 | 0.0 | 387 | 9 | 0 | 9 | 6 | 23 |
| | GRANITE | 2,737 | - 1.9 | 0.0 | 999 | 14 | 19 | 7 | 6 | 21 |
| | HILL | 17,358 | 3.0 | 60.4 | 6,511 | 3 | 3 | 11 | 6 | 21 |
| | JEFFERSON | 5,238 | 38.4 | 0.0 | 1,768 | 11 | 4 | 11 | 5 | 41 |
| | JUDITH BASIN | 2,667 | 2.1 | 0.0 | 1,018 | 4 | 0 | 8 | 3 | 18 |
| | LAKE | 14,445 | 17.6 | 0.0 | 4,821 | 4 | 12 | 9 | 7 | 18 |
| | LEWIS AND CLARK | 33,281 | 10.9 | 68.3 | 14,710 | 9 | 5 | 9 | 6 | 32 |
| | LIBERTY | 2,359 | 4.9 | 0.0 | 867 | 2 | 1 | 13 | 5 | 25 |
| | LINCOLN | 18,063 | - 12.7 | 18.1 | 6,697 | 20 | 27 | 6 | 5 | 15 |
| | MC CONE | 2,875 | - 6.6 | 0.0 | 1,054 | 1 | 1 | 8 | 3 | 15 |
| | MADISON | 5,014 | 15.2 | 0.0 | 2,003 | 7 | 1 | 5 | 7 | 21 |
| | MEAGHER | 2,122 | 3.6 | 0.0 | 862 | 1 | 19 | 6 | 5 | 15 |
| | MINERAL | 2,958 | 18.1 | 0.0 | 1,216 | 7 | 24 | 17 | 5 | 31 |
| | MISSOULA | 58,263 | 14.3 | 74.6 | 23,104 | 6 | 12 | 16 | 8 | 24 |
| | MUSSELSHELL | 3,734 | 8.9 | 0.0 | 1,440 | 6 | 3 | 5 | 11 | 14 |
| | PARK | 11,197 | 7.3 | 63.1 | 4,488 | 4 | 5 | 7 | 10 | 15 |
| | PETROLEUM | 675 | - 2.4 | 0.0 | 261 | 6 | 0 | 9 | 3 | 21 |
| | PHILLIPS | 5,386 | 1.3 | 0.0 | 2,032 | 4 | 1 | 8 | 5 | 19 |
| | PONDERA | 6,611 | 4.6 | 47.1 | 2,492 | 4 | 3 | 8 | 5 | 17 |
| | POWDER RIVER | 2,862 | - 18.8 | 0.0 | 1,148 | 5 | 0 | 3 | 4 | 9 |
| | POWELL | 6,660 | 11.7 | 67.7 | 2,446 | 3 | 13 | 6 | 5 | 28 |
| | PRAIRIE | 1,752 | 7.6 | 0.0 | 735 | 6 | 1 | 4 | 5 | 18 |
| | RAVALLI | 14,409 | 28.3 | 0.0 | 5,261 | 5 | 13 | 6 | 7 | 23 |
| | RICHLAND | 9,837 | - 1.1 | 47.3 | 3,463 | 3 | 7 | 8 | 6 | 15 |
| | ROOSEVELT | 10,365 | - 3.5 | 30.3 | 3,506 | 6 | 3 | 9 | 6 | 26 |
| | ROSEBUD | 6,032 | 42.4 | 0.0 | 2,346 | 5 | 7 | 11 | 3 | 24 |
| | SANDERS | 7,093 | 13.5 | 0.0 | 2,480 | 4 | 21 | 10 | 7 | 25 |
| | SHERIDAN | 5,779 | - 7.1 | 0.0 | 2,003 | 5 | 1 | 7 | 6 | 15 |
| | SILVER BOW | 41,981 | 3.0 | 81.2 | 15,483 | 4 | 6 | 7 | 6 | 15 |
| | STILLWATER | 4,632 | 13.5 | 0.0 | 1,617 | 8 | 6 | 7 | 5 | 14 |
| | SWEET GRASS | 2,980 | - 0.9 | 0.0 | 1,276 | 7 | 3 | 6 | 7 | 14 |
| | TETON | 6,116 | 6.7 | 0.0 | 2,187 | 5 | 4 | 10 | 5 | 16 |
| | TOOLE | 5,839 | - 8.3 | 53.3 | 2,191 | 2 | 4 | 8 | 9 | 22 |
| | TREASURE | 1,069 | 14.2 | 0.0 | 385 | 7 | 1 | 13 | 3 | 27 |
| | VALLEY | 11,471 | 16.0 | 40.5 | 4,252 | 6 | 11 | 9 | 5 | 20 |
| | WHEATLAND | 2,529 | - 8.1 | 0.0 | 1,096 | 1 | 2 | 6 | 10 | 16 |
| | WIBAUX | 1,465 | - 0.5 | 0.0 | 538 | 1 | 2 | 5 | 5 | 22 |
| | YELLOWSTONE | 87,367 | 11.5 | 86.6 | 34,996 | 6 | 8 | 9 | 9 | 14 |
| | YELLOWSTONE NATIONAL | 64 | 0.0 | 0.0 | 24 | 0 | 0 | 0 | 0 | 0 |
| NB | NEBRASKA | 1,485,333 | 3.8 | 61.6 | 592,142 | 5 | 13 | 8 | 7 | 15 |
| | ADAMS | 30,553 | - 2.6 | 77.1 | 12,802 | 5 | 16 | 8 | 7 | 16 |
| | ANTELOPE | 9,047 | 2.8 | 0.0 | 3,268 | 5 | 4 | 7 | 5 | 13 |
| | ARTHUR | 606 | - 6.6 | 0.0 | 214 | 6 | 1 | 5 | 5 | 8 |
| | BANNER | 1,034 | - 9.1 | 0.0 | 378 | 5 | 2 | 12 | 1 | 20 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| NB | BLAINE | 847 | - 0.6 | 0.0 | 326 | 0 | 0 | 5 | 1 | 22 |
| | BOONE | 8,190 | - 0.3 | 0.0 | 2,879 | 3 | 4 | 8 | 3 | 15 |
| | BOX BUTTE | 10,094 | 1.0 | 69.9 | 3,759 | 3 | 3 | 8 | 7 | 14 |
| | BOYD | 3,752 | - 6.2 | 0.0 | 1,335 | 4 | 1 | 9 | 5 | 16 |
| | BROWN | 4,021 | 1.1 | 0.0 | 1,511 | 8 | 3 | 7 | 6 | 19 |
| | BUFFALO | 31,222 | 0.7 | 61.4 | 13,184 | 6 | 13 | 11 | 7 | 17 |
| | BURT | 9,247 | - 4.0 | 0.0 | 3,498 | 5 | 8 | 5 | 5 | 12 |
| | BUTLER | 9,461 | - 5.4 | 0.0 | 3,318 | 5 | 13 | 6 | 5 | 12 |
| | CASS | 18,076 | 7.1 | 35.2 | 6,341 | 6 | 20 | 6 | 5 | 14 |
| | CEDAR | 12,192 | - 4.8 | 0.0 | 4,024 | 4 | 4 | 9 | 5 | 11 |
| | CHASE | 4,129 | 6.4 | 0.0 | 1,592 | 7 | 2 | 8 | 7 | 21 |
| | CHERRY | 6,846 | 1.5 | 40.0 | 2,750 | 3 | 1 | 6 | 7 | 12 |
| | CHEYENNE | 10,778 | 0.2 | 59.1 | 4,125 | 5 | 5 | 7 | 9 | 15 |
| | CLAY | 8,266 | - 0.4 | 0.0 | 2,779 | 6 | 6 | 9 | 8 | 15 |
| | COLFAX | 9,498 | 2.1 | 37.3 | 3,353 | 4 | 14 | 7 | 6 | 11 |
| | CUMING | 12,034 | - 2.9 | 28.1 | 4,451 | 4 | 10 | 6 | 6 | 8 |
| | CUSTER | 14,092 | - 0.1 | 26.5 | 5,443 | 4 | 9 | 7 | 4 | 15 |
| | DAKOTA | 13,137 | 12.0 | 60.3 | 5,013 | 6 | 23 | 5 | 7 | 8 |
| | DAWES | 9,761 | - 5.3 | 60.1 | 3,886 | 5 | 2 | 19 | 7 | 29 |
| | DAWSON | 19,771 | 4.5 | 65.6 | 7,819 | 5 | 20 | 6 | 7 | 11 |
| | DEUEL | 2,717 | - 4.0 | 0.0 | 1,135 | 6 | 4 | 9 | 7 | 19 |
| | DIXON | 7,453 | - 6.8 | 0.0 | 2,935 | 7 | 12 | 9 | 6 | 17 |
| | DODGE | 34,782 | 4.1 | 66.0 | 14,312 | 6 | 22 | 6 | 7 | 11 |
| | DOUGLAS | 389,455 | 5.5 | 95.9 | 161,734 | 6 | 17 | 7 | 7 | 13 |
| | DUNDY | 2,926 | - 4.2 | 0.0 | 1,133 | 4 | 4 | 8 | 1 | 21 |
| | FILLMORE | 8,137 | - 2.7 | 0.0 | 3,036 | 6 | 3 | 6 | 6 | 15 |
| | FRANKLIN | 4,566 | - 0.5 | 0.0 | 1,871 | 6 | 3 | 7 | 7 | 18 |
| | FRONTIER | 3,982 | - 3.1 | 0.0 | 1,602 | 3 | 2 | 9 | 4 | 17 |
| | FURNAS | 6,897 | 1.0 | 0.0 | 2,425 | 6 | 3 | 6 | 7 | 10 |
| | GAGE | 25,731 | - 7.6 | 48.2 | 9,717 | 5 | 13 | 7 | 6 | 17 |
| | GARDEN | 2,929 | - 4.0 | 0.0 | 1,083 | 4 | 13 | 4 | 4 | 13 |
| | GARFIELD | 2,411 | 9.6 | 0.0 | 1,121 | 3 | 5 | 5 | 10 | 13 |
| | GOSPER | 2,178 | 4.5 | 0.0 | 721 | 10 | 6 | 4 | 3 | 11 |
| | GRANT | 1,019 | - 7.8 | 0.0 | 352 | 3 | 0 | 9 | 10 | 17 |
| | GREELEY | 4,000 | - 3.7 | 0.0 | 1,438 | 3 | 7 | 6 | 8 | 9 |
| | HALL | 42,851 | 5.3 | 73.0 | 17,947 | 5 | 20 | 5 | 8 | 13 |
| | HAMILTON | 8,867 | - 1.8 | 35.4 | 3,207 | 6 | 9 | 5 | 5 | 17 |
| | HARLAN | 4,357 | 0.1 | 0.0 | 1,731 | 5 | 7 | 7 | 7 | 17 |
| | HAYES | 1,530 | 0.6 | 0.0 | 511 | 4 | 1 | 14 | 2 | 14 |
| | HITCHCOCK | 4,051 | 3.5 | 0.0 | 1,387 | 4 | 7 | 8 | 5 | 18 |
| | HOLT | 12,933 | 0.3 | 30.3 | 4,571 | 3 | 2 | 6 | 6 | 10 |
| | HOOKER | 939 | 5.4 | 0.0 | 430 | 10 | 5 | 6 | 14 | 14 |
| | HOWARD | 6,807 | - 1.5 | 0.0 | 2,334 | 5 | 8 | 7 | 4 | 18 |
| | JEFFERSON | 10,436 | 1.6 | 51.1 | 4,158 | 7 | 8 | 7 | 7 | 14 |
| | JOHNSON | 5,743 | - 2.9 | 0.0 | 2,260 | 7 | 14 | 6 | 7 | 15 |
| | KEARNEY | 6,707 | 3.0 | 38.9 | 2,639 | 4 | 7 | 6 | 6 | 14 |
| | KEITH | 8,487 | 9.2 | 58.1 | 3,643 | 6 | 19 | 6 | 10 | 13 |
| | KEYA PAHA | 1,340 | - 1.5 | 0.0 | 430 | 2 | 4 | 12 | 2 | 16 |
| | KIMBALL | 6,009 | - 7.1 | 56.5 | 2,522 | 8 | 7 | 8 | 8 | 15 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| NB | KNOX | 11,723 | -5.0 | 0.0 | 3,646 | 4 | 3 | 5 | 3 | 10 |
| | LANCASTER | 167,972 | 10.4 | 91.3 | 77,507 | 6 | 12 | 14 | 7 | 25 |
| | LINCOLN | 29,538 | 14.9 | 65.8 | 11,733 | 6 | 5 | 6 | 8 | 13 |
| | LOGAN | 991 | 3.9 | 0.0 | 435 | 7 | 4 | 8 | 3 | 15 |
| | LOUP | 854 | 6.7 | 0.0 | 310 | 10 | 3 | 7 | 1 | 17 |
| | MC PHERSON | 623 | 1.8 | 0.0 | 217 | 4 | 2 | 15 | 0 | 6 |
| | MADISON | 27,402 | 5.5 | 60.5 | 11,345 | 5 | 15 | 6 | 7 | 14 |
| | MERRICK | 8,751 | 2.4 | 31.6 | 3,411 | 5 | 12 | 7 | 5 | 13 |
| | MORRILL | 5,813 | 4.5 | 0.0 | 2,173 | 2 | 8 | 6 | 4 | 12 |
| | NANCE | 5,142 | -5.6 | 0.0 | 1,759 | 4 | 6 | 6 | 5 | 12 |
| | NEMAHA | 8,976 | -13.0 | 40.4 | 3,618 | 9 | 12 | 14 | 5 | 19 |
| | NUCKOLLS | 7,404 | -7.1 | 35.1 | 2,832 | 5 | 9 | 6 | 5 | 12 |
| | OTOE | 15,576 | -2.6 | 47.8 | 6,572 | 6 | 18 | 7 | 6 | 11 |
| | PAWNEE | 4,473 | -5.3 | 0.0 | 1,736 | 5 | 7 | 12 | 3 | 21 |
| | PERKINS | 3,423 | -3.3 | 0.0 | 1,435 | 5 | 3 | 9 | 6 | 16 |
| | PHELPS | 9,553 | 4.0 | 63.6 | 4,052 | 5 | 14 | 6 | 7 | 12 |
| | PIERCE | 8,493 | 1.2 | 0.0 | 3,202 | 6 | 4 | 7 | 4 | 10 |
| | PLATTE | 26,544 | 6.5 | 58.4 | 10,969 | 4 | 29 | 5 | 5 | 9 |
| | POLK | 6,468 | -2.9 | 0.0 | 2,526 | 5 | 6 | 8 | 6 | 15 |
| | RED WILLOW | 12,191 | 4.1 | 68.9 | 4,822 | 7 | 10 | 8 | 7 | 15 |
| | RICHARDSON | 12,277 | -6.7 | 44.0 | 4,775 | 5 | 13 | 6 | 6 | 12 |
| | ROCK | 2,231 | 3.9 | 0.0 | 923 | 4 | 0 | 7 | 8 | 19 |
| | SALINE | 12,809 | -1.7 | 35.1 | 4,908 | 6 | 17 | 12 | 5 | 17 |
| | SARPY | 66,200 | 13.6 | 84.6 | 16,979 | 6 | 16 | 8 | 7 | 17 |
| | SAUNDERS | 17,018 | 5.7 | 22.5 | 6,278 | 7 | 14 | 6 | 5 | 11 |
| | SCOTTS BLUFF | 36,432 | -0.8 | 55.2 | 14,756 | 4 | 13 | 9 | 7 | 13 |
| | SEWARD | 14,460 | 4.2 | 36.6 | 6,107 | 6 | 8 | 20 | 5 | 13 |
| | SHERIDAN | 7,285 | -1.0 | 0.0 | 2,713 | 2 | 3 | 9 | 6 | 15 |
| | SHERMAN | 4,725 | -5.9 | 0.0 | 1,814 | 5 | 10 | 9 | 3 | 20 |
| | SIOUX | 2,034 | 0.8 | 0.0 | 716 | 3 | 2 | 4 | 3 | 8 |
| | STANTON | 5,758 | 12.3 | 0.0 | 2,046 | 3 | 7 | 4 | 3 | 10 |
| | THAYER | 7,779 | -4.0 | 0.0 | 2,853 | 5 | 2 | 7 | 5 | 12 |
| | THOMAS | 954 | 1.5 | 0.0 | 305 | 7 | 2 | 4 | 7 | 16 |
| | THURSTON | 6,942 | 4.5 | 0.0 | 2,452 | 4 | 13 | 9 | 6 | 25 |
| | VALLEY | 5,783 | -8.8 | 0.0 | 2,161 | 5 | 6 | 8 | 7 | 17 |
| | WASHINGTON | 13,310 | 10.1 | 45.9 | 5,345 | 7 | 15 | 9 | 6 | 7 |
| | WAYNE | 10,400 | -15.5 | 50.5 | 4,054 | 5 | 3 | 16 | 5 | 24 |
| | WEBSTER | 5,396 | -6.5 | 0.0 | 1,982 | 5 | 6 | 7 | 7 | 17 |
| | WHEELER | 1,051 | 1.7 | 0.0 | 405 | 4 | 2 | 4 | 7 | 8 |
| | YORK | 13,685 | 4.1 | 49.5 | 5,635 | 6 | 13 | 6 | 6 | 12 |
| NV | NEVADA | 488,738 | 21.1 | 80.9 | 208,996 | 8 | 5 | 6 | 22 | 18 |
| | CHURCHILL | 10,513 | 11.4 | 28.1 | 3,577 | 9 | 5 | 7 | 8 | 27 |
| | CLARK | 273,288 | 21.7 | 94.5 | 113,669 | 8 | 4 | 5 | 30 | 14 |
| | DOUGLAS | 6,882 | 67.3 | 0.0 | 3,431 | 7 | 3 | 3 | 12 | 12 |
| | ELKO | 13,958 | 9.5 | 54.6 | 5,975 | 6 | 1 | 6 | 14 | 22 |
| | ESMERALDA | 629 | 18.9 | 0.0 | 221 | 24 | 22 | 1 | 12 | 24 |
| | EUREKA | 948 | 13.1 | 0.0 | 444 | 10 | 0 | 7 | 6 | 20 |
| | HUMBOLDT | 6,375 | 15.1 | 55.5 | 2,733 | 9 | 2 | 6 | 16 | 21 |
| | LANDER | 2,666 | 12.3 | 0.0 | 1,050 | 2 | 2 | 7 | 8 | 23 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| NV | LINCOLN | 2,557 | - 3.4 | 0.0 | 931 | 9 | 1 | 15 | 6 | 39 |
| | LYON | 8,221 | 24.5 | 0.0 | 3,130 | 7 | 7 | 7 | 7 | 18 |
| | MINERAL | 7,051 | - 9.9 | 49.4 | 2,898 | 1 | 9 | 6 | 5 | 60 |
| | NYE | 5,599 | - 4.3 | 0.0 | 2,465 | 16 | 2 | 4 | 19 | 25 |
| | ORMSBY | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | PERSHING | 2,670 | 7.8 | 0.0 | 1,111 | 3 | 4 | 5 | 8 | 18 |
| | STOREY | 695 | 43.2 | 0.0 | 374 | 13 | 2 | 3 | 6 | 15 |
| | WASHOE | 121,068 | 20.0 | 82.2 | 56,542 | 7 | 5 | 7 | 11 | 18 |
| | WHITE PINE | 10,150 | - 1.2 | 41.1 | 3,964 | 4 | 22 | 6 | 6 | 17 |
| | CARSON CITY CITY | 15,468 | 63.4 | 0.0 | 6,481 | 16 | 5 | 8 | 9 | 47 |
| NH | NEW HAMPSHIRE | 737,681 | 10.8 | 56.5 | 304,713 | 6 | 35 | 8 | 6 | 14 |
| | BELKNAP | 32,367 | 11.4 | 46.0 | 13,485 | 8 | 31 | 8 | 5 | 15 |
| | CARROLL | 18,548 | 22.4 | 0.0 | 7,566 | 11 | 16 | 6 | 14 | 15 |
| | CHESHIRE | 52,364 | 8.7 | 39.1 | 22,904 | 7 | 37 | 8 | 6 | 11 |
| | COOS | 34,291 | 3.4 | 44.5 | 13,155 | 4 | 43 | 6 | 6 | 12 |
| | GRAFTON | 54,914 | 7.9 | 42.1 | 22,618 | 7 | 23 | 16 | 8 | 13 |
| | HILLSBOROUGH | 223,941 | 8.9 | 71.4 | 94,265 | 6 | 38 | 5 | 5 | 10 |
| | MERRIMACK | 80,925 | 9.9 | 52.7 | 33,277 | 7 | 28 | 8 | 6 | 17 |
| | ROCKINGHAM | 138,951 | 16.5 | 46.6 | 54,596 | 7 | 33 | 7 | 6 | 16 |
| | STRAFFORD | 70,431 | 13.2 | 62.3 | 29,757 | 4 | 44 | 12 | 4 | 22 |
| | SULLIVAN | 30,949 | 6.5 | 56.6 | 13,090 | 5 | 44 | 5 | 5 | 9 |
| NJ | NEW JERSEY | 7,171,112 | 2.0 | 88.9 | 2,972,561 | 5 | 32 | 6 | 7 | 13 |
| | ATLANTIC | 175,043 | 8.4 | 81.1 | 69,440 | 8 | 16 | 5 | 11 | 17 |
| | BERGEN | 897,148 | - 2.8 | 99.7 | 397,907 | 5 | 29 | 6 | 7 | 10 |
| | BURLINGTON | 323,132 | 5.6 | 80.5 | 111,180 | 5 | 29 | 7 | 6 | 18 |
| | CAMDEN | 456,291 | 4.5 | 95.9 | 183,289 | 6 | 30 | 5 | 7 | 13 |
| | CAPE MAY | 59,554 | 21.1 | 61.8 | 19,955 | 12 | 11 | 7 | 7 | 22 |
| | CUMBERLAND | 121,374 | 9.5 | 73.5 | 49,773 | 5 | 41 | 6 | 5 | 13 |
| | ESSEX | 932,526 | - 5.1 | 0.0 | 391,962 | 4 | 30 | 6 | 8 | 14 |
| | GLOUCESTER | 172,681 | 8.8 | 70.6 | 66,695 | 7 | 33 | 7 | 5 | 14 |
| | HUDSON | 607,839 | - 4.1 | 0.0 | 267,319 | 3 | 34 | 4 | 7 | 12 |
| | HUNTERDON | 69,718 | 11.8 | 15.6 | 28,309 | 7 | 31 | 7 | 6 | 15 |
| | MERCER | 304,116 | 5.4 | 83.9 | 132,107 | 5 | 27 | 10 | 8 | 21 |
| | MIDDLESEX | 583,813 | 1.0 | 95.4 | 247,422 | 5 | 38 | 7 | 5 | 13 |
| | MONMOUTH | 461,849 | 5.4 | 81.8 | 169,624 | 6 | 22 | 7 | 7 | 17 |
| | MORRIS | 383,454 | 2.2 | 82.4 | 157,073 | 5 | 33 | 7 | 8 | 15 |
| | OCEAN | 208,470 | 42.4 | 44.3 | 69,114 | 10 | 18 | 8 | 6 | 17 |
| | PASSAIC | 460,782 | - 1.8 | 96.3 | 201,116 | 5 | 39 | 5 | 7 | 10 |
| | SALEM | 60,346 | 3.7 | 54.0 | 24,104 | 5 | 44 | 6 | 5 | 11 |
| | SOMERSET | 198,372 | 0.5 | 76.4 | 83,377 | 5 | 36 | 8 | 6 | 12 |
| | SUSSEX | 77,528 | 26.3 | 38.5 | 30,297 | 7 | 27 | 7 | 6 | 16 |
| | UNION | 543,116 | - 4.4 | 0.0 | 242,307 | 4 | 35 | 6 | 7 | 11 |
| | WARREN | 73,960 | 8.8 | 58.4 | 30,191 | 6 | 42 | 6 | 5 | 11 |
| NM | NEW MEXICO | 1,017,055 | 12.8 | 70.0 | 342,482 | 7 | 6 | 11 | 11 | 27 |
| | BERNALILLO | 315,774 | 15.6 | 94.2 | 115,646 | 7 | 7 | 10 | 14 | 24 |
| | CATRON | 2,198 | 6.7 | 0.0 | 749 | 9 | 8 | 8 | 6 | 35 |
| | CHAVES | 43,335 | 11.2 | 78.3 | 15,496 | 6 | 8 | 10 | 9 | 19 |
| | COLFAX | 12,170 | 6.4 | 59.5 | 4,337 | 10 | 9 | 6 | 8 | 24 |
| | CURRY | 39,517 | 9.4 | 86.4 | 11,307 | 6 | 6 | 7 | 10 | 19 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| NM | DE BACA | 2,547 | 2.1 | 0.0 | 831 | 4 | 1 | 5 | 4 | 20 |
| | DONA ANA | 69,773 | 14.7 | 66.4 | 23,024 | 6 | 6 | 17 | 9 | 37 |
| | EDDY | 41,119 | 7.2 | 76.8 | 14,901 | 5 | 4 | 9 | 9 | 15 |
| | GRANT | 22,030 | 11.5 | 48.2 | 7,358 | 5 | 5 | 11 | 7 | 21 |
| | GUADALUPE | 4,969 | -2.2 | 0.0 | 1,295 | 12 | 2 | 10 | 12 | 20 |
| | HARDING | 1,348 | -8.8 | 0.0 | 452 | 6 | 10 | 19 | 3 | 21 |
| | HIDALGO | 4,734 | 19.5 | 75.2 | 1,561 | 4 | 0 | 9 | 9 | 22 |
| | LEA | 49,554 | 3.2 | 81.5 | 19,015 | 6 | 5 | 6 | 9 | 11 |
| | LINCOLN | 7,560 | 25.8 | 0.0 | 2,853 | 8 | 3 | 6 | 12 | 29 |
| | LOS ALAMOS | 15,198 | 4.6 | 99.7 | 6,425 | 2 | 2 | 16 | 7 | 70 |
| | LUNA | 11,706 | 23.6 | 69.8 | 4,004 | 12 | 5 | 7 | 11 | 18 |
| | MC KINLEY | 43,208 | 18.4 | 42.9 | 12,072 | 5 | 9 | 15 | 6 | 37 |
| | MORA | 4,673 | 4.7 | 0.0 | 916 | 18 | 2 | 13 | 5 | 36 |
| | OTERO | 41,097 | 3.9 | 63.3 | 11,086 | 5 | 10 | 9 | 13 | 37 |
| | QUAY | 10,903 | 4.1 | 68.0 | 4,141 | 6 | 4 | 7 | 12 | 19 |
| | RIO ARRIBA | 25,170 | 11.1 | 15.1 | 6,658 | 13 | 5 | 17 | 11 | 44 |
| | ROOSEVELT | 16,479 | -1.4 | 64.0 | 6,113 | 5 | 5 | 23 | 6 | 30 |
| | SANDOVAL | 17,492 | 29.0 | 0.0 | 4,350 | 11 | 14 | 15 | 12 | 32 |
| | SAN JUAN | 52,517 | 24.4 | 48.3 | 16,393 | 9 | 9 | 12 | 7 | 24 |
| | SAN MIGUEL | 21,951 | 7.0 | 63.2 | 6,025 | 10 | 2 | 20 | 7 | 45 |
| | SANTA FE | 54,774 | 13.1 | 77.5 | 19,553 | 11 | 3 | 12 | 10 | 35 |
| | SIERRA | 7,189 | 17.7 | 70.5 | 2,286 | 10 | 3 | 5 | 7 | 27 |
| | SOCORRO | 9,763 | 0.1 | 48.6 | 2,953 | 7 | 8 | 22 | 5 | 40 |
| | TAOS | 17,516 | 10.1 | 0.0 | 4,874 | 6 | 5 | 13 | 13 | 25 |
| | TORRANCE | 5,290 | 20.4 | 0.0 | 1,576 | 11 | 1 | 13 | 5 | 36 |
| | UNION | 4,925 | -0.8 | 63.7 | 1,825 | 7 | 2 | 9 | 10 | 20 |
| | VALENCIA | 40,576 | 13.4 | 33.5 | 12,407 | 7 | 6 | 9 | 7 | 24 |
| NY | NEW YORK | 18,241,391 | -0.7 | 85.6 | 7,421,579 | 4 | 24 | 8 | 8 | 16 |
| | ALBANY | 286,742 | 0.7 | 85.7 | 122,798 | 6 | 15 | 10 | 6 | 29 |
| | ALLEGANY | 46,458 | 7.1 | 20.5 | 17,088 | 6 | 26 | 16 | 5 | 16 |
| | BRONX | 1,471,701 | -6.4 | 0.0 | 552,442 | 4 | 20 | 5 | 9 | 17 |
| | BROOME | 221,815 | -1.6 | 73.3 | 90,320 | 5 | 37 | 8 | 6 | 16 |
| | CATTARAUGUS | 81,666 | 3.4 | 35.7 | 31,032 | 5 | 32 | 9 | 5 | 17 |
| | CAYUGA | 77,439 | 0.4 | 44.7 | 30,166 | 5 | 33 | 9 | 5 | 16 |
| | CHAUTAUQUA | 147,305 | -0.3 | 54.7 | 58,452 | 5 | 34 | 8 | 5 | 14 |
| | CHEMUNG | 101,537 | -1.4 | 74.3 | 39,377 | 5 | 34 | 7 | 5 | 13 |
| | CHENANGO | 46,368 | 0.4 | 19.1 | 18,380 | 6 | 35 | 8 | 5 | 15 |
| | CLINTON | 72,934 | 14.1 | 40.5 | 22,855 | 7 | 15 | 15 | 6 | 29 |
| | COLUMBIA | 51,519 | 7.0 | 17.4 | 19,925 | 8 | 25 | 7 | 6 | 16 |
| | CORTLAND | 45,894 | 4.6 | 51.9 | 18,392 | 5 | 33 | 13 | 6 | 19 |
| | DELAWARE | 44,718 | 5.3 | 25.8 | 17,340 | 7 | 23 | 11 | 6 | 20 |
| | DUTCHESS | 222,295 | 5.6 | 42.8 | 84,934 | 6 | 32 | 9 | 6 | 19 |
| | ERIE | 1,113,491 | -2.0 | 87.9 | 442,867 | 4 | 31 | 8 | 5 | 16 |
| | ESSEX | 34,631 | 1.3 | 22.0 | 12,785 | 11 | 14 | 9 | 12 | 21 |
| | FRANKLIN | 43,931 | 1.1 | 40.0 | 14,864 | 6 | 20 | 12 | 7 | 20 |
| | FULTON | 52,637 | 3.6 | 56.7 | 22,734 | 4 | 45 | 7 | 5 | 13 |
| | GENESEE | 58,722 | 2.9 | 38.3 | 23,817 | 6 | 36 | 7 | 4 | 14 |
| | GREENE | 33,136 | 15.3 | 16.0 | 12,310 | 11 | 22 | 7 | 8 | 21 |
| | HAMILTON | 4,714 | 4.7 | 0.0 | 1,671 | 21 | 14 | 10 | 11 | 38 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| NY | HERKIMER | 67,407 | 1.5 | 52.8 | 27,481 | 4 | 44 | 6 | 4 | 13 |
| | JEFFERSON | 88,508 | 1.9 | 39.2 | 33,582 | 6 | 23 | 8 | 6 | 17 |
| | KINGS | 2,602,012 | - 6.4 | 0.0 | 1,012,423 | 3 | 22 | 5 | 8 | 17 |
| | LEWIS | 23,644 | 6.2 | 15.5 | 8,488 | 6 | 28 | 9 | 6 | 20 |
| | LIVINGSTON | 54,041 | 6.0 | 33.1 | 21,621 | 6 | 25 | 15 | 4 | 26 |
| | MADISON | 62,864 | 3.6 | 42.9 | 23,828 | 6 | 25 | 13 | 6 | 16 |
| | MONROE | 711,917 | - 0.5 | 67.1 | 301,288 | 4 | 40 | 8 | 5 | 11 |
| | MONTGOMERY | 55,883 | - 0.5 | 55.5 | 23,778 | 5 | 42 | 6 | 4 | 15 |
| | NASSAU | 1,428,838 | - 3.2 | 99.7 | 585,516 | 5 | 20 | 9 | 7 | 16 |
| | NEW YORK | 1,539,233 | - 5.5 | 0.0 | 741,741 | 1 | 18 | 7 | 13 | 13 |
| | NIAGARA | 235,720 | 0.0 | 72.0 | 92,647 | 4 | 42 | 7 | 5 | 12 |
| | ONEIDA | 273,070 | - 2.5 | 68.3 | 104,153 | 4 | 29 | 8 | 5 | 22 |
| | ONONDAGA | 472,835 | 0.0 | 81.6 | 191,964 | 4 | 26 | 9 | 6 | 14 |
| | ONTARIO | 78,849 | 8.0 | 34.6 | 31,658 | 6 | 27 | 8 | 5 | 16 |
| | ORANGE | 221,657 | 9.4 | 51.1 | 83,047 | 7 | 23 | 9 | 6 | 19 |
| | ORLEANS | 37,305 | 2.0 | 31.1 | 14,951 | 5 | 39 | 8 | 4 | 16 |
| | OSWEGO | 100,897 | 8.9 | 40.1 | 36,544 | 8 | 33 | 12 | 5 | 18 |
| | OTSEGO | 56,181 | 3.0 | 28.5 | 21,947 | 6 | 17 | 16 | 7 | 22 |
| | PUTNAM | 56,696 | 22.4 | 38.8 | 20,675 | 10 | 20 | 9 | 7 | 17 |
| | QUEENS | 1,987,174 | - 0.6 | 0.0 | 906,921 | 4 | 21 | 5 | 9 | 15 |
| | RENSSELAER | 152,510 | 0.7 | 63.6 | 60,889 | 6 | 23 | 10 | 6 | 21 |
| | RICHMOND | 295,443 | 10.0 | 0.0 | 115,276 | 5 | 14 | 7 | 5 | 24 |
| | ROCKLAND | 229,903 | 8.4 | 96.2 | 86,555 | 6 | 21 | 10 | 6 | 20 |
| | ST LAWRENCE | 112,309 | 3.5 | 44.2 | 37,975 | 5 | 20 | 16 | 5 | 23 |
| | SARATOGA | 121,764 | 17.4 | 47.2 | 46,148 | 6 | 28 | 11 | 5 | 19 |
| | SCHENECTADY | 161,078 | - 1.9 | 88.9 | 64,960 | 5 | 29 | 9 | 8 | 19 |
| | SCHOHARIE | 24,750 | 15.4 | 17.6 | 9,272 | 10 | 18 | 11 | 6 | 24 |
| | SCHUYLER | 16,737 | 5.3 | 16.7 | 6,463 | 8 | 33 | 11 | 5 | 17 |
| | SENECA | 35,083 | - 3.0 | 38.7 | 12,823 | 6 | 28 | 9 | 4 | 27 |
| | STEUBEN | 99,546 | 1.2 | 36.9 | 38,399 | 5 | 34 | 8 | 6 | 15 |
| | SUFFOLK | 1,127,030 | 10.0 | 89.8 | 403,170 | 7 | 21 | 10 | 6 | 21 |
| | SULLIVAN | 52,580 | 14.7 | 19.6 | 21,078 | 10 | 6 | 8 | 19 | 17 |
| | TIOGA | 46,513 | 3.9 | 33.6 | 17,427 | 5 | 42 | 9 | 5 | 11 |
| | TOMPKINS | 77,064 | 9.9 | 41.6 | 31,977 | 4 | 14 | 33 | 6 | 19 |
| | ULSTER | 141,241 | 9.7 | 37.5 | 54,772 | 7 | 29 | 10 | 7 | 16 |
| | WARREN | 49,402 | 6.1 | 47.2 | 18,620 | 7 | 25 | 7 | 7 | 16 |
| | WASHINGTON | 52,725 | 2.8 | 34.3 | 19,121 | 6 | 36 | 7 | 5 | 16 |
| | WAYNE | 79,404 | 3.6 | 28.6 | 30,854 | 5 | 39 | 6 | 4 | 16 |
| | WESTCHESTER | 894,406 | - 1.9 | 93.8 | 383,138 | 5 | 20 | 8 | 9 | 14 |
| | WYOMING | 37,688 | 1.8 | 29.6 | 14,126 | 6 | 32 | 8 | 5 | 17 |
| | YATES | 19,831 | 5.5 | 26.3 | 7,734 | 8 | 22 | 12 | 5 | 13 |
| NC | NORTH CAROLINA | 5,084,411 | 7.2 | 45.0 | 2,054,838 | 6 | 35 | 7 | 7 | 13 |
| | ALAMANCE | 96,502 | 3.0 | 52.6 | 46,405 | 5 | 52 | 5 | 6 | 8 |
| | ALEXANDER | 19,466 | 12.0 | 0.0 | 9,022 | 4 | 61 | 3 | 4 | 5 |
| | ALLEGHANY | 8,134 | 6.5 | 0.0 | 3,353 | 10 | 42 | 4 | 6 | 13 |
| | ANSON | 23,488 | 2.3 | 16.9 | 8,634 | 7 | 43 | 5 | 7 | 12 |
| | ASHE | 19,571 | 2.7 | 0.0 | 7,464 | 8 | 46 | 5 | 4 | 10 |
| | AVERY | 12,655 | 11.5 | 0.0 | 4,571 | 12 | 31 | 11 | 6 | 15 |
| | BEAUFORT | 35,980 | 5.0 | 24.9 | 13,731 | 7 | 24 | 6 | 8 | 13 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| NC | BERTIE | 20,528 | 1.8 | 0.0 | 6,438 | 4 | 33 | 6 | 8 | 14 |
| | BLADEN | 26,477 | 7.6 | 0.0 | 9,432 | 10 | 32 | 6 | 6 | 13 |
| | BRUNSWICK | 24,223 | 34.4 | 0.0 | 8,247 | 14 | 25 | 5 | 6 | 16 |
| | BUNCOMBE | 145,056 | 4.1 | 52.3 | 63,080 | 7 | 30 | 5 | 6 | 12 |
| | BURKE | 60,364 | 7.2 | 28.5 | 27,379 | 4 | 56 | 5 | 4 | 12 |
| | CABARRUS | 74,629 | 6.0 | 64.0 | 36,502 | 5 | 55 | 4 | 4 | 7 |
| | CALDWELL | 56,699 | 7.1 | 31.0 | 24,546 | 5 | 60 | 4 | 5 | 7 |
| | CAMDEN | 5,453 | 4.2 | 0.0 | 1,673 | 9 | 20 | 5 | 9 | 21 |
| | CARTERET | 31,603 | 13.2 | 27.2 | 11,863 | 6 | 14 | 5 | 9 | 29 |
| | CASWELL | 19,055 | 2.6 | 0.0 | 7,451 | 5 | 50 | 6 | 5 | 11 |
| | CATAWBA | 90,873 | 10.0 | 42.9 | 44,156 | 5 | 53 | 4 | 5 | 6 |
| | CHATHAM | 29,554 | 2.4 | 15.9 | 13,129 | 5 | 44 | 6 | 6 | 15 |
| | CHEROKEE | 16,330 | 4.5 | 0.0 | 5,958 | 9 | 41 | 4 | 5 | 13 |
| | CHOWAN | 10,764 | 4.7 | 44.3 | 4,179 | 8 | 29 | 7 | 8 | 16 |
| | CLAY | 5,180 | 8.2 | 0.0 | 1,771 | 10 | 41 | 7 | 3 | 11 |
| | CLEVELAND | 72,556 | 7.7 | 37.8 | 31,993 | 6 | 49 | 5 | 6 | 8 |
| | COLUMBUS | 46,937 | 7.1 | 8.9 | 16,973 | 7 | 27 | 7 | 7 | 12 |
| | CRAVEN | 62,554 | 9.1 | 55.2 | 18,304 | 6 | 17 | 7 | 8 | 28 |
| | CUMBERLAND | 212,042 | 9.8 | 76.1 | 49,635 | 6 | 16 | 9 | 10 | 24 |
| | CURRITUCK | 6,976 | 43.9 | 0.0 | 2,275 | 16 | 16 | 8 | 11 | 23 |
| | DARE | 6,995 | 30.8 | 0.0 | 2,426 | 13 | 5 | 3 | 13 | 22 |
| | DAVIDSON | 95,627 | 5.6 | 37.0 | 44,713 | 5 | 55 | 4 | 5 | 7 |
| | DAVIE | 18,855 | 11.4 | 13.4 | 8,121 | 7 | 47 | 4 | 5 | 8 |
| | DUPLIN | 38,015 | 6.1 | 15.3 | 14,828 | 7 | 26 | 6 | 7 | 14 |
| | DURHAM | 132,681 | 6.1 | 76.1 | 56,959 | 6 | 19 | 14 | 8 | 17 |
| | EDGECOMBE | 52,341 | 2.9 | 47.1 | 20,252 | 4 | 29 | 6 | 10 | 11 |
| | FORSYTH | 215,118 | 5.1 | 69.2 | 91,649 | 5 | 35 | 7 | 7 | 11 |
| | FRANKLIN | 26,820 | 5.8 | 11.0 | 10,029 | 5 | 34 | 6 | 7 | 13 |
| | GASTON | 148,415 | 5.8 | 60.4 | 68,948 | 4 | 54 | 4 | 5 | 7 |
| | GATES | 8,524 | - 3.0 | 0.0 | 2,920 | 7 | 32 | 6 | 10 | 14 |
| | GRAHAM | 6,562 | - 1.0 | 0.0 | 2,369 | 16 | 35 | 10 | 7 | 23 |
| | GRANVILLE | 32,762 | 0.5 | 32.7 | 11,759 | 6 | 28 | 7 | 7 | 26 |
| | GREENE | 14,967 | 1.6 | 0.0 | 5,642 | 8 | 23 | 5 | 6 | 11 |
| | GUILFORD | 288,645 | 4.1 | 76.3 | 130,095 | 6 | 34 | 8 | 7 | 12 |
| | HALIFAX | 54,354 | 1.4 | 36.8 | 18,562 | 6 | 33 | 6 | 10 | 11 |
| | HARNETT | 49,667 | 8.2 | 22.5 | 19,542 | 9 | 31 | 8 | 7 | 13 |
| | HAYWOOD | 41,710 | 5.3 | 27.6 | 15,912 | 7 | 44 | 5 | 6 | 10 |
| | HENDERSON | 42,804 | 14.8 | 28.0 | 16,846 | 9 | 38 | 4 | 7 | 9 |
| | HERTFORD | 24,439 | - 3.0 | 34.2 | 8,439 | 8 | 27 | 8 | 9 | 16 |
| | HOKE | 16,436 | 5.5 | 19.3 | 5,983 | 4 | 40 | 5 | 9 | 17 |
| | HYDE | 5,571 | - 1.7 | 0.0 | 1,890 | 10 | 17 | 10 | 6 | 25 |
| | IREDELL | 72,197 | 8.6 | 44.2 | 32,699 | 6 | 48 | 4 | 6 | 8 |
| | JACKSON | 21,593 | 13.3 | 0.0 | 7,790 | 13 | 26 | 16 | 10 | 25 |
| | JOHNSTON | 61,737 | 6.2 | 23.1 | 25,356 | 10 | 26 | 6 | 7 | 14 |
| | JONES | 9,779 | - 2.6 | 0.0 | 3,485 | 10 | 20 | 9 | 8 | 23 |
| | LEE | 30,467 | 11.3 | 38.1 | 12,956 | 7 | 41 | 5 | 6 | 10 |
| | LENOIR | 55,204 | 5.1 | 45.0 | 21,446 | 10 | 23 | 7 | 9 | 16 |
| | LINCOLN | 32,682 | 14.2 | 15.8 | 15,037 | 5 | 52 | 4 | 5 | 8 |
| | MC DOWELL | 30,648 | 10.2 | 31.1 | 12,819 | 5 | 62 | 4 | 3 | 8 |

| STATE | AND COUNTY | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| NC | MACON | 15,788 | 15.4 | 0.0 | 5,802 | 13 | 32 | 6 | 8 | 16 |
| | MADISON | 16,003 | 5.4 | 0.0 | 5,554 | 9 | 28 | 10 | 4 | 15 |
| | MARTIN | 24,730 | 0.2 | 26.6 | 8,939 | 7 | 25 | 7 | 9 | 14 |
| | MECKLENBURG | 354,656 | 5.7 | 79.8 | 158,637 | 5 | 20 | 6 | 9 | 10 |
| | MITCHELL | 13,447 | 4.7 | 0.0 | 4,639 | 6 | 41 | 7 | 4 | 12 |
| | MONTGOMERY | 19,267 | 3.3 | 0.0 | 8,255 | 4 | 57 | 4 | 6 | 8 |
| | MOORE | 39,048 | 9.0 | 15.3 | 15,486 | 5 | 34 | 5 | 11 | 11 |
| | NASH | 59,122 | 9.5 | 32.2 | 22,921 | 6 | 28 | 5 | 8 | 10 |
| | NEW HANOVER | 82,996 | 15.3 | 69.1 | 33,717 | 8 | 25 | 6 | 10 | 12 |
| | NORTHAMPTON | 23,099 | - 0.2 | 0.0 | 7,438 | 8 | 29 | 9 | 9 | 15 |
| | ONSLOW | 103,126 | - 1.8 | 57.4 | 18,459 | 6 | 10 | 9 | 9 | 30 |
| | ORANGE | 57,567 | 19.1 | 50.3 | 24,521 | 4 | 15 | 26 | 8 | 39 |
| | PAMLICO | 9,467 | - 0.7 | 0.0 | 3,145 | 7 | 20 | 6 | 6 | 24 |
| | PASQUOTANK | 26,824 | 3.0 | 51.8 | 9,772 | 7 | 18 | 11 | 10 | 26 |
| | PENDER | 18,149 | 14.0 | 0.0 | 6,724 | 9 | 27 | 5 | 7 | 19 |
| | PERQUIMANS | 8,351 | 1.1 | 0.0 | 2,771 | 8 | 23 | 5 | 7 | 17 |
| | PERSON | 25,914 | 3.6 | 20.5 | 10,652 | 7 | 43 | 5 | 7 | 10 |
| | PITT | 73,900 | 5.9 | 49.8 | 28,710 | 7 | 17 | 12 | 8 | 19 |
| | POLK | 11,735 | 8.5 | 0.0 | 4,823 | 6 | 44 | 4 | 10 | 9 |
| | RANDOLPH | 76,358 | 7.7 | 30.0 | 36,905 | 5 | 58 | 3 | 4 | 6 |
| | RICHMOND | 39,889 | 2.5 | 33.4 | 16,083 | 5 | 40 | 5 | 7 | 9 |
| | ROBESON | 84,842 | 10.4 | 27.3 | 30,240 | 9 | 33 | 7 | 7 | 13 |
| | ROCKINGHAM | 72,402 | 7.0 | 44.7 | 32,416 | 6 | 52 | 3 | 5 | 6 |
| | ROWAN | 90,035 | 4.0 | 42.1 | 41,623 | 5 | 49 | 5 | 5 | 9 |
| | RUTHERFORD | 47,337 | 6.1 | 30.1 | 20,387 | 6 | 55 | 4 | 6 | 7 |
| | SAMPSON | 44,954 | 7.0 | 15.9 | 17,553 | 7 | 27 | 6 | 8 | 12 |
| | SCOTLAND | 26,929 | 11.3 | 32.6 | 10,903 | 3 | 42 | 11 | 7 | 10 |
| | STANLY | 42,822 | 4.6 | 28.1 | 20,209 | 6 | 54 | 5 | 5 | 7 |
| | STOKES | 23,782 | 20.5 | 0.0 | 9,575 | 7 | 48 | 3 | 3 | 7 |
| | SURRY | 51,415 | 7.8 | 24.8 | 22,028 | 9 | 43 | 4 | 6 | 9 |
| | SWAIN | 8,835 | 9.1 | 0.0 | 2,721 | 12 | 27 | 9 | 7 | 28 |
| | TRANSYLVANIA | 19,713 | 7.8 | 26.9 | 7,788 | 8 | 49 | 8 | 5 | 13 |
| | TYRRELL | 3,806 | 6.4 | 0.0 | 1,273 | 11 | 19 | 10 | 8 | 18 |
| | UNION | 54,714 | 14.2 | 25.3 | 23,323 | 10 | 38 | 5 | 6 | 8 |
| | VANCE | 32,691 | 2.3 | 42.2 | 13,167 | 6 | 37 | 5 | 7 | 9 |
| | WAKE | 229,006 | 15.2 | 69.4 | 97,585 | 7 | 15 | 11 | 8 | 24 |
| | WARREN | 15,340 | 8.5 | 0.0 | 4,980 | 10 | 30 | 8 | 9 | 14 |
| | WASHINGTON | 14,038 | 1.5 | 34.0 | 4,837 | 5 | 42 | 5 | 8 | 13 |
| | WATAUGA | 23,404 | 23.1 | 37.4 | 8,653 | 10 | 22 | 17 | 8 | 25 |
| | WAYNE | 85,408 | 5.2 | 46.6 | 28,489 | 6 | 23 | 7 | 10 | 20 |
| | WILKES | 49,524 | 9.6 | 6.9 | 20,353 | 6 | 46 | 5 | 5 | 8 |
| | WILSON | 57,486 | 4.5 | 51.1 | 22,672 | 7 | 24 | 7 | 9 | 13 |
| | YADKIN | 24,599 | 8.0 | 0.0 | 10,633 | 7 | 42 | 4 | 5 | 8 |
| | YANCEY | 12,629 | 9.7 | 0.0 | 4,641 | 11 | 43 | 5 | 4 | 12 |
| ND | NORTH DAKOTA | 617,792 | 2.9 | 44.3 | 214,344 | 5 | 4 | 10 | 8 | 18 |
| | ADAMS | 3,832 | - 3.3 | 0.0 | 1,546 | 6 | 6 | 5 | 4 | 11 |
| | BARNES | 14,669 | - 8.7 | 53.5 | 5,553 | 6 | 3 | 12 | 5 | 18 |
| | BENSON | 8,245 | 1.1 | 0.0 | 2,448 | 2 | 2 | 10 | 5 | 20 |
| | BILLINGS | 1,198 | - 3.8 | 0.0 | 393 | 1 | 0 | 12 | 0 | 21 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| ND | BOTTINEAU | 9,496 | 4.0 | 28.3 | 3,065 | 3 | 1 | 9 | 5 | 17 |
| | BOWMAN | 3,901 | 4.3 | 0.0 | 1,490 | 5 | 0 | 7 | 7 | 11 |
| | BURKE | 4,739 | -10.4 | 0.0 | 1,569 | 3 | 1 | 7 | 8 | 13 |
| | BURLEIGH | 40,714 | 15.7 | 85.2 | 16,726 | 10 | 5 | 7 | 7 | 23 |
| | CASS | 73,653 | 9.8 | 79.2 | 29,797 | 5 | 8 | 11 | 8 | 19 |
| | CAVALIER | 8,213 | 47.0 | 0.0 | 2,500 | 5 | 1 | 8 | 4 | 13 |
| | DICKEY | 6,976 | 4.5 | 0.0 | 2,660 | 4 | 2 | 10 | 3 | 15 |
| | DIVIDE | 4,564 | -9.3 | 0.0 | 1,553 | 2 | 1 | 6 | 5 | 14 |
| | DUNN | 4,895 | -6.0 | 0.0 | 1,737 | 4 | 0 | 9 | 3 | 15 |
| | EDDY | 4,103 | -8.3 | 0.0 | 1,373 | 7 | 1 | 8 | 11 | 13 |
| | EMMONS | 7,200 | -5.6 | 0.0 | 1,873 | 2 | 1 | 7 | 2 | 11 |
| | FOSTER | 4,832 | 1.7 | 0.0 | 1,632 | 5 | 3 | 6 | 5 | 14 |
| | GOLDEN VALLEY | 2,611 | -4.0 | 0.0 | 919 | 2 | 0 | 8 | 4 | 16 |
| | GRAND FORKS | 61,102 | 2.2 | 81.2 | 19,932 | 5 | 7 | 18 | 7 | 26 |
| | GRANT | 5,009 | 1.0 | 0.0 | 1,638 | 1 | 0 | 7 | 3 | 14 |
| | GRIGGS | 4,184 | -3.5 | 0.0 | 1,309 | 5 | 8 | 5 | 3 | 16 |
| | HETTINGER | 5,075 | -6.6 | 0.0 | 1,502 | 3 | 2 | 8 | 7 | 15 |
| | KIDDER | 4,362 | -2.2 | 0.0 | 1,393 | 3 | 1 | 8 | 3 | 14 |
| | LA MOURE | 7,117 | -4.7 | 0.0 | 2,298 | 3 | 2 | 9 | 3 | 13 |
| | LOGAN | 4,245 | -6.5 | 0.0 | 1,336 | 5 | 2 | 5 | 5 | 10 |
| | MC HENRY | 8,977 | -3.4 | 0.0 | 3,011 | 4 | 2 | 7 | 3 | 14 |
| | MC INTOSH | 5,545 | -5.8 | 0.0 | 1,651 | 4 | 1 | 7 | 8 | 13 |
| | MC KENZIE | 6,127 | -1.7 | 0.0 | 2,061 | 3 | 2 | 6 | 6 | 13 |
| | MC LEAN | 11,251 | 2.6 | 0.0 | 3,745 | 7 | 1 | 11 | 4 | 18 |
| | MERCER | 6,175 | 1.1 | 0.0 | 2,212 | 7 | 0 | 6 | 4 | 14 |
| | MORTON | 20,310 | 6.3 | 55.3 | 6,790 | 8 | 7 | 7 | 6 | 14 |
| | MOUNTRAIL | 8,437 | -0.8 | 0.0 | 2,743 | 4 | 6 | 7 | 3 | 18 |
| | NELSON | 5,807 | -1.5 | 0.0 | 2,024 | 3 | 1 | 6 | 8 | 12 |
| | OLIVER | 2,322 | 3.7 | 0.0 | 793 | 5 | 0 | 5 | 2 | 12 |
| | PEMBINA | 10,728 | 6.4 | 0.0 | 3,369 | 4 | 10 | 8 | 6 | 18 |
| | PIERCE | 6,323 | 4.7 | 46.6 | 2,026 | 4 | 5 | 9 | 4 | 17 |
| | RAMSEY | 12,915 | 4.1 | 56.2 | 4,623 | 4 | 2 | 11 | 6 | 19 |
| | RANSOM | 7,102 | 0.5 | 0.0 | 2,433 | 2 | 8 | 6 | 4 | 12 |
| | RENVILLE | 3,828 | -1.0 | 0.0 | 1,240 | 3 | 2 | 7 | 2 | 17 |
| | RICHLAND | 18,089 | 0.6 | 39.1 | 6,238 | 4 | 4 | 15 | 5 | 19 |
| | ROLETTE | 11,549 | 9.8 | 0.0 | 3,236 | 4 | 5 | 16 | 4 | 39 |
| | SARGENT | 5,937 | 2.4 | 0.0 | 2,110 | 2 | 19 | 6 | 3 | 14 |
| | SHERIDAN | 3,232 | 3.5 | 0.0 | 1,149 | 7 | 0 | 8 | 4 | 13 |
| | SIOUX | 3,632 | 15.0 | 0.0 | 1,045 | 5 | 2 | 13 | 3 | 49 |
| | SLOPE | 1,484 | -8.3 | 0.0 | 504 | 2 | 3 | 7 | 3 | 14 |
| | STARK | 19,613 | -2.0 | 63.9 | 6,971 | 5 | 5 | 12 | 8 | 15 |
| | STEELE | 3,749 | -3.8 | 0.0 | 1,111 | 4 | 3 | 6 | 4 | 15 |
| | STUTSMAN | 23,550 | -0.5 | 65.3 | 8,658 | 4 | 4 | 9 | 5 | 20 |
| | TOWNER | 4,645 | -10.4 | 0.0 | 1,458 | 5 | 1 | 6 | 4 | 12 |
| | TRAILL | 9,571 | -1.9 | 26.7 | 3,309 | 4 | 3 | 14 | 6 | 19 |
| | WALSH | 16,251 | -0.1 | 36.6 | 5,471 | 4 | 4 | 10 | 6 | 19 |
| | WARD | 58,560 | 3.1 | 75.5 | 18,308 | 6 | 4 | 10 | 8 | 18 |
| | WELLS | 7,847 | -8.7 | 0.0 | 2,574 | 3 | 1 | 7 | 6 | 10 |
| | WILLIAMS | 19,301 | -2.9 | 59.5 | 7,045 | 6 | 4 | 8 | 7 | 11 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| OH | OHIO | 10,657,423 | 1.0 | 75.3 | 4,234,458 | 5 | 35 | 7 | 6 | 13 |
| | ADAMS | 18,957 | 18.4 | 0.0 | 6,037 | 8 | 18 | 7 | 6 | 17 |
| | ALLEN | 111,144 | - 1.7 | 68.8 | 44,348 | 5 | 33 | 6 | 6 | 9 |
| | ASHLAND | 43,303 | 0.6 | 52.7 | 17,989 | 5 | 41 | 10 | 4 | 11 |
| | ASHTABULA | 98,237 | 3.9 | 49.8 | 38,072 | 5 | 39 | 6 | 5 | 10 |
| | ATHENS | 55,747 | - 7.6 | 51.8 | 19,449 | 6 | 13 | 29 | 6 | 39 |
| | AUGLAIZE | 38,602 | 7.5 | 41.8 | 15,426 | 5 | 43 | 4 | 6 | 9 |
| | BELMONT | 80,917 | 1.7 | 50.3 | 29,468 | 5 | 28 | 5 | 4 | 8 |
| | BROWN | 26,635 | 12.2 | 20.4 | 9,276 | 7 | 34 | 7 | 6 | 14 |
| | BUTLER | 226,207 | 7.9 | 77.4 | 86,983 | 5 | 41 | 9 | 5 | 13 |
| | CARROLL | 21,579 | 11.8 | 21.7 | 8,049 | 5 | 45 | 4 | 4 | 9 |
| | CHAMPAIGN | 30,491 | 5.9 | 36.9 | 12,585 | 6 | 42 | 6 | 5 | 9 |
| | CLARK | 157,115 | - 1.4 | 67.3 | 60,991 | 4 | 35 | 7 | 6 | 16 |
| | CLERMONT | 95,372 | 13.2 | 30.6 | 36,196 | 7 | 39 | 6 | 6 | 10 |
| | CLINTON | 31,464 | 3.7 | 41.8 | 12,298 | 6 | 28 | 9 | 6 | 19 |
| | COLUMBIANA | 108,310 | 3.2 | 55.9 | 41,748 | 3 | 44 | 5 | 5 | 9 |
| | COSHOCTON | 33,486 | 4.5 | 41.1 | 13,018 | 5 | 42 | 4 | 5 | 10 |
| | CRAWFORD | 55,364 | - 0.8 | 63.9 | 20,722 | 3 | 48 | 5 | 5 | 9 |
| | CUYAHOGA | 1,720,835 | - 6.8 | 99.6 | 722,183 | 4 | 33 | 6 | 7 | 13 |
| | DARKE | 49,141 | 12.0 | 25.2 | 19,578 | 4 | 38 | 5 | 5 | 7 |
| | DEFIANCE | 36,949 | - 0.3 | 53.3 | 14,409 | 4 | 42 | 8 | 4 | 10 |
| | DELAWARE | 42,908 | 16.4 | 39.8 | 17,555 | 7 | 28 | 11 | 5 | 14 |
| | ERIE | 75,909 | 1.8 | 70.8 | 30,148 | 5 | 39 | 5 | 5 | 10 |
| | FAIRFIELD | 73,301 | 15.8 | 44.9 | 26,280 | 6 | 40 | 5 | 6 | 13 |
| | FAYETTE | 25,461 | 3.6 | 49.1 | 10,027 | 5 | 29 | 5 | 6 | 14 |
| | FRANKLIN | 833,249 | 3.9 | 95.4 | 348,004 | 5 | 22 | 9 | 7 | 19 |
| | FULTON | 33,071 | 5.5 | 40.6 | 13,200 | 7 | 37 | 5 | 4 | 10 |
| | GALLIA | 25,239 | 11.5 | 29.7 | 8,031 | 8 | 15 | 6 | 7 | 21 |
| | GEAUGA | 62,977 | 6.9 | 14.4 | 24,343 | 7 | 39 | 7 | 6 | 9 |
| | GREENE | 125,057 | 0.5 | 72.7 | 47,657 | 4 | 28 | 11 | 5 | 26 |
| | GUERNSEY | 37,665 | 5.3 | 36.3 | 13,784 | 6 | 34 | 5 | 5 | 17 |
| | HAMILTON | 925,944 | - 2.3 | 96.1 | 367,758 | 4 | 32 | 7 | 7 | 12 |
| | HANCOCK | 61,217 | 1.3 | 63.5 | 25,065 | 4 | 32 | 6 | 6 | 9 |
| | HARDIN | 30,813 | 3.4 | 44.4 | 11,506 | 5 | 34 | 10 | 5 | 10 |
| | HARRISON | 17,013 | 5.5 | 18.0 | 6,048 | 6 | 20 | 6 | 4 | 12 |
| | HENRY | 27,058 | 2.9 | 27.9 | 10,538 | 7 | 38 | 6 | 5 | 9 |
| | HIGHLAND | 28,996 | 8.6 | 35.7 | 10,715 | 6 | 30 | 6 | 6 | 14 |
| | HOCKING | 20,322 | 9.1 | 30.8 | 7,187 | 8 | 37 | 5 | 6 | 14 |
| | HOLMES | 23,024 | 10.0 | 12.9 | 7,655 | 6 | 34 | 3 | 6 | 8 |
| | HURON | 49,587 | 5.2 | 46.7 | 19,370 | 5 | 38 | 6 | 4 | 10 |
| | JACKSON | 27,174 | 6.4 | 45.1 | 8,862 | 7 | 30 | 7 | 6 | 17 |
| | JEFFERSON | 96,193 | - 1.8 | 56.0 | 34,030 | 5 | 37 | 6 | 4 | 10 |
| | KNOX | 41,795 | 4.7 | 32.0 | 16,525 | 4 | 35 | 9 | 5 | 11 |
| | LAKE | 197,200 | 4.3 | 69.1 | 80,008 | 5 | 46 | 6 | 5 | 9 |
| | LAWRENCE | 56,868 | 6.2 | 51.3 | 18,767 | 6 | 35 | 5 | 5 | 12 |
| | LICKING | 107,799 | 5.8 | 54.3 | 41,643 | 6 | 32 | 6 | 5 | 17 |
| | LOGAN | 35,072 | 6.5 | 30.9 | 13,733 | 6 | 32 | 5 | 7 | 11 |
| | LORAIN | 256,843 | 4.6 | 85.6 | 99,030 | 4 | 42 | 7 | 5 | 10 |
| | LUCAS | 483,551 | - 0.8 | 94.1 | 196,935 | 5 | 32 | 7 | 6 | 12 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| OH | MADISON | 28,318 | 10.8 | 35.8 | 10,944 | 6 | 26 | 5 | 6 | 16 |
| | MAHONING | 304,545 | 0.8 | 84.0 | 118,014 | 5 | 37 | 6 | 5 | 10 |
| | MARION | 64,724 | 4.5 | 59.8 | 25,290 | 3 | 38 | 5 | 6 | 10 |
| | MEDINA | 82,717 | 19.2 | 49.7 | 32,219 | 6 | 36 | 6 | 4 | 10 |
| | MEIGS | 19,799 | 7.6 | 27.6 | 6,171 | 11 | 18 | 7 | 5 | 17 |
| | MERCER | 35,558 | 5.8 | 32.5 | 13,640 | 5 | 35 | 6 | 5 | 7 |
| | MIAMI | 84,342 | 3.5 | 59.6 | 34,379 | 4 | 45 | 5 | 5 | 10 |
| | MONROE | 15,739 | - 0.8 | 20.6 | 4,875 | 8 | 36 | 7 | 5 | 14 |
| | MONTGOMERY | 608,413 | - 3.4 | 92.1 | 249,847 | 4 | 38 | 6 | 7 | 14 |
| | MORGAN | 12,375 | 8.9 | 0.0 | 4,068 | 8 | 28 | 6 | 3 | 17 |
| | MORROW | 21,348 | 14.9 | 13.9 | 8,175 | 7 | 44 | 4 | 4 | 10 |
| | MUSKINGUM | 77,826 | 3.0 | 46.8 | 29,371 | 5 | 33 | 7 | 6 | 9 |
| | NOBLE | 10,428 | 6.2 | 0.0 | 3,603 | 7 | 22 | 8 | 7 | 17 |
| | OTTAWA | 37,099 | 4.7 | 26.6 | 13,948 | 5 | 38 | 6 | 5 | 11 |
| | PAULDING | 19,329 | 5.9 | 15.9 | 6,930 | 4 | 46 | 5 | 4 | 10 |
| | PERRY | 27,434 | 3.7 | 26.1 | 9,031 | 5 | 42 | 5 | 5 | 13 |
| | PICKAWAY | 40,071 | 9.4 | 29.2 | 13,842 | 7 | 30 | 6 | 6 | 15 |
| | PIKE | 19,114 | 7.1 | 26.1 | 5,557 | 9 | 28 | 8 | 7 | 21 |
| | PORTAGE | 125,868 | 5.6 | 53.5 | 50,310 | 5 | 37 | 14 | 4 | 20 |
| | PREBLE | 34,719 | 3.4 | 17.7 | 13,640 | 6 | 38 | 7 | 6 | 11 |
| | PUTNAM | 31,134 | 0.7 | 11.6 | 10,828 | 5 | 41 | 6 | 5 | 10 |
| | RICHLAND | 129,997 | 0.3 | 69.4 | 53,022 | 4 | 43 | 5 | 6 | 10 |
| | ROSS | 61,211 | - 0.7 | 40.6 | 21,315 | 6 | 32 | 6 | 6 | 18 |
| | SANDUSKY | 60,983 | 3.5 | 50.5 | 23,322 | 6 | 41 | 6 | 5 | 10 |
| | SCIOTO | 76,951 | 5.0 | 49.6 | 25,017 | 7 | 29 | 7 | 5 | 14 |
| | SENECA | 60,696 | - 0.3 | 55.6 | 23,345 | 4 | 42 | 6 | 4 | 9 |
| | SHELBY | 37,748 | 6.6 | 42.5 | 15,361 | 4 | 47 | 5 | 5 | 9 |
| | STARK | 372,210 | 3.2 | 73.4 | 147,663 | 4 | 42 | 5 | 5 | 9 |
| | SUMMIT | 553,371 | - 3.3 | 90.4 | 221,702 | 4 | 39 | 6 | 6 | 10 |
| | TRUMBULL | 232,579 | 3.8 | 69.7 | 93,216 | 4 | 49 | 5 | 4 | 9 |
| | TUSCARAWAS | 77,211 | 4.1 | 51.7 | 29,084 | 5 | 41 | 5 | 5 | 10 |
| | UNION | 23,786 | 21.0 | 24.1 | 9,484 | 5 | 34 | 6 | 7 | 13 |
| | VAN WERT | 29,194 | 1.0 | 50.9 | 11,679 | 4 | 41 | 5 | 6 | 9 |
| | VINTON | 9,420 | 9.2 | 0.0 | 2,955 | 8 | 29 | 6 | 4 | 25 |
| | WARREN | 85,505 | 2.6 | 42.6 | 32,182 | 6 | 46 | 6 | 5 | 10 |
| | WASHINGTON | 57,160 | 4.1 | 42.1 | 20,624 | 9 | 29 | 8 | 7 | 12 |
| | WAYNE | 87,123 | 4.4 | 40.2 | 36,023 | 5 | 37 | 9 | 5 | 11 |
| | WILLIAMS | 33,669 | 3.1 | 33.2 | 13,613 | 4 | 44 | 5 | 4 | 9 |
| | WOOD | 89,722 | 12.8 | 53.8 | 36,188 | 5 | 28 | 16 | 5 | 20 |
| | WYANDOT | 21,826 | 2.1 | 42.0 | 8,460 | 6 | 37 | 4 | 6 | 10 |
| OK | OKLAHOMA | 2,559,463 | 5.9 | 68.0 | 968,430 | 6 | 15 | 8 | 6 | 20 |
| | ADAIR | 15,141 | 7.9 | 0.0 | 4,184 | 8 | 28 | 10 | 6 | 19 |
| | ALFALFA | 7,224 | - 1.4 | 0.0 | 2,743 | 5 | 2 | 10 | 7 | 18 |
| | ATOKA | 10,972 | 5.1 | 31.4 | 2,904 | 12 | 11 | 7 | 6 | 25 |
| | BEAVER | 6,282 | - 6.0 | 0.0 | 2,543 | 6 | 4 | 7 | 6 | 19 |
| | BECKHAM | 15,754 | 0.0 | 63.0 | 5,643 | 8 | 6 | 6 | 10 | 14 |
| | BLAINE | 11,794 | 4.4 | 29.7 | 4,270 | 6 | 14 | 6 | 7 | 18 |
| | BRYAN | 25,552 | 5.2 | 43.5 | 9,530 | 7 | 18 | 13 | 7 | 23 |
| | CADDO | 28,931 | 9.1 | 23.0 | 9,613 | 6 | 11 | 9 | 7 | 21 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| OK | CANADIAN | 32,245 | 34.4 | 61.0 | 11,941 | 5 | 17 | 6 | 7 | 18 |
| | CARTER | 37,349 | 8.5 | 55.9 | 13,311 | 7 | 13 | 6 | 10 | 14 |
| | CHEROKEE | 23,174 | 9.6 | 39.9 | 7,741 | 10 | 8 | 25 | 7 | 36 |
| | CHOCTAW | 15,141 | 12.3 | 43.6 | 4,652 | 10 | 18 | 7 | 7 | 18 |
| | CIMARRON | 4,145 | - 4.1 | 0.0 | 1,614 | 7 | 2 | 10 | 5 | 22 |
| | CLEVELAND | 81,839 | 24.6 | 63.4 | 32,808 | 5 | 9 | 19 | 6 | 37 |
| | COAL | 5,525 | 5.2 | 0.0 | 1,613 | 8 | 12 | 9 | 8 | 34 |
| | COMANCHE | 108,144 | - 4.8 | 88.7 | 26,084 | 5 | 5 | 9 | 10 | 31 |
| | COTTON | 6,832 | - 3.6 | 39.3 | 2,590 | 7 | 13 | 4 | 6 | 20 |
| | CRAIG | 14,722 | - 0.4 | 39.7 | 5,244 | 6 | 12 | 6 | 7 | 26 |
| | CREEK | 45,532 | 6.7 | 51.3 | 16,625 | 6 | 27 | 5 | 7 | 11 |
| | CUSTER | 22,665 | - 2.5 | 72.1 | 9,450 | 7 | 6 | 14 | 9 | 25 |
| | DELAWARE | 17,767 | 11.3 | 0.0 | 4,983 | 12 | 20 | 7 | 7 | 13 |
| | DEWEY | 5,656 | - 7.5 | 0.0 | 2,181 | 6 | 4 | 6 | 8 | 18 |
| | ELLIS | 5,129 | - 0.8 | 0.0 | 2,009 | 7 | 2 | 9 | 5 | 24 |
| | GARFIELD | 56,343 | 3.4 | 80.5 | 21,195 | 6 | 9 | 8 | 11 | 14 |
| | GARVIN | 24,874 | 7.8 | 38.1 | 8,621 | 8 | 9 | 7 | 7 | 18 |
| | GRADY | 29,354 | 18.5 | 48.3 | 10,683 | 6 | 17 | 6 | 8 | 16 |
| | GRANT | 7,117 | - 4.2 | 0.0 | 2,531 | 8 | 5 | 9 | 5 | 16 |
| | GREER | 7,979 | - 0.1 | 51.4 | 2,574 | 5 | 7 | 6 | 9 | 22 |
| | HARMON | 5,136 | - 10.1 | 63.1 | 1,826 | 6 | 5 | 10 | 9 | 21 |
| | HARPER | 5,151 | - 1.8 | 0.0 | 2,107 | 9 | 2 | 5 | 6 | 23 |
| | HASKELL | 9,578 | 1.4 | 0.0 | 3,129 | 16 | 10 | 8 | 6 | 23 |
| | HUGHES | 13,228 | 6.1 | 38.3 | 4,575 | 10 | 14 | 5 | 8 | 18 |
| | JACKSON | 30,902 | 8.4 | 74.9 | 8,738 | 6 | 7 | 6 | 9 | 23 |
| | JEFFERSON | 7,125 | 9.2 | 0.0 | 2,615 | 8 | 11 | 8 | 9 | 15 |
| | JOHNSTON | 7,870 | 6.5 | 34.8 | 2,402 | 9 | 13 | 12 | 4 | 23 |
| | KAY | 48,791 | - 2.8 | 77.7 | 19,258 | 4 | 31 | 7 | 7 | 13 |
| | KINGFISHER | 12,857 | - 1.2 | 31.4 | 4,777 | 5 | 5 | 7 | 8 | 13 |
| | KIOWA | 12,532 | - 4.5 | 37.4 | 4,557 | 7 | 4 | 6 | 11 | 18 |
| | LATIMER | 8,601 | 14.0 | 0.0 | 2,641 | 9 | 12 | 20 | 4 | 41 |
| | LE FLORE | 32,137 | 9.7 | 31.7 | 9,606 | 10 | 23 | 7 | 8 | 17 |
| | LINCOLN | 19,482 | 9.3 | 26.3 | 7,003 | 6 | 12 | 7 | 4 | 24 |
| | LOGAN | 19,645 | 15.8 | 48.7 | 7,383 | 5 | 15 | 12 | 8 | 23 |
| | LOVE | 5,637 | 15.6 | 0.0 | 2,041 | 9 | 23 | 7 | 6 | 18 |
| | MC CLAIN | 14,157 | 32.9 | 29.2 | 5,019 | 11 | 11 | 8 | 8 | 23 |
| | MC CURTAIN | 28,642 | 23.9 | 31.2 | 8,537 | 10 | 30 | 8 | 7 | 17 |
| | MC INTOSH | 12,472 | 6.8 | 24.4 | 3,640 | 14 | 10 | 9 | 10 | 27 |
| | MAJOR | 7,529 | 8.6 | 37.6 | 2,785 | 8 | 6 | 6 | 6 | 18 |
| | MARSHALL | 7,682 | 9.1 | 37.5 | 2,666 | 10 | 14 | 5 | 9 | 19 |
| | MAYES | 23,302 | 18.6 | 30.3 | 7,807 | 11 | 24 | 5 | 8 | 16 |
| | MURRAY | 10,669 | - 0.2 | 48.8 | 3,871 | 10 | 10 | 8 | 8 | 24 |
| | MUSKOGEE | 59,542 | 3.5 | 62.7 | 20,446 | 9 | 16 | 6 | 8 | 21 |
| | NOBLE | 10,043 | 3.8 | 55.7 | 3,670 | 6 | 11 | 7 | 7 | 18 |
| | NOWATA | 9,773 | 6.5 | 37.3 | 3,587 | 6 | 15 | 4 | 7 | 12 |
| | OKFUSKEE | 10,683 | 4.2 | 26.6 | 3,212 | 7 | 13 | 8 | 6 | 24 |
| | OKLAHOMA | 527,717 | 2.0 | 97.4 | 226,005 | 6 | 14 | 6 | 8 | 23 |
| | OKMULGEE | 35,358 | 3.7 | 60.9 | 11,291 | 6 | 22 | 11 | 8 | 19 |
| | OSAGE | 29,750 | 7.4 | 30.0 | 11,471 | 6 | 16 | 5 | 7 | 15 |

| STATE | AND COUNTY | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| OK | OTTAWA | 29,800 | 3.8 | 55.3 | 11,394 | 4 | 30 | 9 | 6 | 14 |
| | PAWNEE | 11,338 | 13.4 | 22.7 | 4,027 | 9 | 17 | 8 | 6 | 24 |
| | PAYNE | 50,654 | 10.7 | 76.3 | 20,606 | 5 | 8 | 32 | 7 | 40 |
| | PITTSBURG | 37,521 | - 2.6 | 50.1 | 12,455 | 7 | 15 | 6 | 8 | 35 |
| | PONTOTOC | 27,867 | 10.6 | 53.3 | 10,429 | 9 | 12 | 13 | 7 | 22 |
| | POTTAWATOMIE | 43,134 | 17.5 | 68.6 | 15,903 | 8 | 11 | 9 | 7 | 26 |
| | PUSHMATAHA | 9,385 | 7.3 | 28.6 | 2,624 | 13 | 13 | 6 | 8 | 28 |
| | ROGER MILLS | 4,452 | - 5.1 | 0.0 | 1,574 | 11 | 3 | 5 | 5 | 16 |
| | ROGERS | 28,425 | 17.5 | 32.0 | 11,059 | 11 | 19 | 7 | 7 | 15 |
| | SEMINOLE | 25,144 | 11.7 | 52.6 | 6,620 | 8 | 15 | 7 | 9 | 21 |
| | SEQUOYAH | 23,370 | 12.6 | 21.3 | 7,221 | 14 | 27 | 7 | 6 | 16 |
| | STEPHENS | 35,902 | 5.1 | 66.7 | 13,661 | 6 | 17 | 5 | 8 | 11 |
| | TEXAS | 16,352 | 11.4 | 46.6 | 6,773 | 7 | 7 | 11 | 8 | 17 |
| | TILLMAN | 12,901 | - 5.8 | 49.7 | 4,596 | 7 | 14 | 6 | 8 | 17 |
| | TULSA | 399,982 | 4.3 | 93.9 | 169,110 | 6 | 20 | 6 | 8 | 10 |
| | WAGONER | 22,163 | 21.9 | 32.4 | 7,974 | 11 | 23 | 5 | 8 | 14 |
| | WASHINGTON | 42,302 | - 3.0 | 79.2 | 17,838 | 4 | 33 | 6 | 8 | 10 |
| | WASHITA | 12,141 | 6.7 | 26.9 | 4,363 | 8 | 4 | 8 | 8 | 18 |
| | WOODS | 11,920 | - 10.9 | 63.0 | 5,225 | 5 | 2 | 18 | 7 | 27 |
| | WOODWARD | 15,537 | 3.1 | 56.1 | 6,433 | 5 | 4 | 4 | 9 | 17 |
| OR | OREGON | 2,091,533 | 9.4 | 67.1 | 837,069 | 5 | 21 | 9 | 7 | 17 |
| | BAKER | 14,919 | 5.2 | 62.7 | 5,690 | 5 | 11 | 8 | 5 | 18 |
| | BENTON | 53,776 | 17.7 | 65.4 | 20,598 | 4 | 13 | 30 | 6 | 36 |
| | CLACKAMAS | 166,088 | 22.2 | 62.6 | 67,025 | 7 | 21 | 8 | 7 | 14 |
| | CLATSOP | 28,473 | 2.3 | 51.8 | 11,337 | 6 | 25 | 10 | 7 | 18 |
| | COLUMBIA | 28,790 | 8.0 | 21.6 | 10,616 | 5 | 40 | 7 | 4 | 12 |
| | COOS | 56,515 | 4.5 | 51.1 | 21,492 | 4 | 34 | 7 | 5 | 13 |
| | CROOK | 9,985 | 16.0 | 41.1 | 4,069 | 3 | 32 | 6 | 5 | 15 |
| | CURRY | 13,006 | 9.5 | 20.9 | 4,939 | 3 | 36 | 8 | 6 | 16 |
| | DESCHUTES | 30,442 | 32.4 | 57.3 | 12,391 | 6 | 20 | 7 | 9 | 14 |
| | DOUGLAS | 71,743 | 14.6 | 34.1 | 26,429 | 5 | 33 | 8 | 7 | 17 |
| | GILLIAM | 2,342 | - 13.0 | 0.0 | 782 | 5 | 0 | 16 | 6 | 28 |
| | GRANT | 6,996 | 5.5 | 0.0 | 2,751 | 4 | 17 | 10 | 6 | 26 |
| | HARNEY | 7,215 | 1.9 | 46.0 | 3,009 | 3 | 26 | 7 | 6 | 20 |
| | HOOD RIVER | 13,187 | 9.9 | 30.3 | 5,417 | 5 | 13 | 7 | 8 | 14 |
| | JACKSON | 94,533 | 20.2 | 55.3 | 35,664 | 5 | 18 | 10 | 8 | 17 |
| | JEFFERSON | 8,548 | 18.5 | 0.0 | 3,553 | 4 | 10 | 8 | 6 | 22 |
| | JOSEPHINE | 35,746 | 30.5 | 52.1 | 12,016 | 6 | 24 | 6 | 8 | 16 |
| | KLAMATH | 50,021 | 7.0 | 63.0 | 18,745 | 5 | 21 | 8 | 6 | 17 |
| | LAKE | 6,343 | 4.5 | 43.1 | 2,507 | 3 | 17 | 7 | 6 | 24 |
| | LANE | 215,401 | 12.0 | 69.7 | 84,010 | 5 | 23 | 13 | 7 | 18 |
| | LINCOLN | 25,755 | 8.0 | 46.5 | 9,850 | 5 | 22 | 6 | 12 | 16 |
| | LINN | 71,914 | 12.6 | 39.7 | 26,485 | 6 | 34 | 8 | 6 | 13 |
| | MALHEUR | 23,169 | 5.2 | 39.5 | 8,741 | 6 | 12 | 11 | 5 | 17 |
| | MARION | 151,309 | 10.8 | 67.0 | 56,669 | 7 | 15 | 10 | 6 | 26 |
| | MORROW | 4,465 | 16.2 | 0.0 | 1,749 | 3 | 10 | 5 | 4 | 16 |
| | MULTNOMAH | 554,668 | - 3.4 | 97.4 | 240,891 | 5 | 18 | 7 | 8 | 14 |
| | POLK | 35,349 | 11.5 | 58.8 | 13,299 | 5 | 23 | 13 | 5 | 24 |
| | SHERMAN | 2,139 | - 0.4 | 0.0 | 831 | 13 | 3 | 14 | 5 | 22 |

| STATE | COUNTY | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| OR | TILLAMOOK | 18,034 | 1.4 | 22.1 | 6,636 | 5 | 28 | 9 | 7 | 18 |
| | UMATILLA | 44,923 | 6.0 | 49.3 | 17,596 | 5 | 15 | 8 | 5 | 23 |
| | UNION | 19,377 | 14.8 | 49.8 | 7,199 | 5 | 18 | 12 | 6 | 21 |
| | WALLOWA | 6,247 | 10.6 | 0.0 | 2,424 | 6 | 10 | 6 | 6 | 24 |
| | WASCO | 20,133 | -0.9 | 51.8 | 7,820 | 11 | 15 | 8 | 6 | 21 |
| | WASHINGTON | 157,920 | 20.4 | 74.4 | 67,365 | 5 | 25 | 9 | 5 | 13 |
| | WHEELER | 1,849 | 14.2 | 0.0 | 762 | 4 | 34 | 9 | 7 | 14 |
| | YAMHILL | 40,213 | 12.7 | 41.2 | 15,710 | 6 | 23 | 11 | 6 | 13 |
| PA | PENNSYLVANIA | 11,800,766 | 0.2 | 71.5 | 4,712,303 | 5 | 34 | 7 | 6 | 13 |
| | ADAMS | 56,937 | 8.6 | 23.0 | 23,506 | 6 | 36 | 7 | 5 | 10 |
| | ALLEGHENY | 1,605,133 | -5.5 | 94.8 | 617,086 | 5 | 27 | 7 | 7 | 12 |
| | ARMSTRONG | 75,590 | 1.1 | 18.4 | 25,999 | 6 | 36 | 6 | 5 | 11 |
| | BEAVER | 208,418 | -0.4 | 77.2 | 77,734 | 4 | 47 | 6 | 4 | 9 |
| | BEDFORD | 42,353 | 3.4 | 7.8 | 15,796 | 8 | 25 | 5 | 7 | 12 |
| | BERKS | 296,382 | 2.9 | 63.5 | 133,436 | 4 | 44 | 5 | 5 | 9 |
| | BLAIR | 135,356 | -1.4 | 67.3 | 51,331 | 4 | 29 | 6 | 5 | 11 |
| | BRADFORD | 57,962 | 3.4 | 27.5 | 21,436 | 5 | 36 | 8 | 4 | 12 |
| | BUCKS | 416,728 | 9.8 | 76.2 | 169,692 | 6 | 37 | 7 | 5 | 12 |
| | BUTLER | 127,941 | 7.3 | 33.0 | 45,889 | 6 | 34 | 9 | 5 | 14 |
| | CAMBRIA | 186,785 | 0.1 | 59.0 | 63,987 | 4 | 32 | 7 | 4 | 13 |
| | CAMERON | 7,096 | -3.7 | 42.6 | 3,037 | 4 | 55 | 6 | 5 | 12 |
| | CARBON | 50,573 | 2.2 | 63.8 | 20,614 | 6 | 51 | 4 | 4 | 10 |
| | CENTRE | 99,267 | 8.4 | 47.2 | 39,352 | 5 | 17 | 30 | 6 | 38 |
| | CHESTER | 277,746 | 5.0 | 45.0 | 111,011 | 4 | 35 | 9 | 6 | 12 |
| | CLARION | 38,414 | 5.3 | 16.0 | 13,284 | 7 | 29 | 14 | 5 | 20 |
| | CLEARFIELD | 74,619 | 3.1 | 29.0 | 27,323 | 8 | 30 | 6 | 5 | 12 |
| | CLINTON | 37,721 | 0.3 | 37.2 | 14,873 | 6 | 41 | 10 | 4 | 17 |
| | COLUMBIA | 55,114 | 6.6 | 43.4 | 23,249 | 5 | 46 | 7 | 4 | 13 |
| | CRAWFORD | 81,342 | 4.4 | 29.4 | 31,558 | 5 | 40 | 8 | 5 | 10 |
| | CUMBERLAND | 158,177 | 7.9 | 66.2 | 67,194 | 6 | 20 | 6 | 5 | 22 |
| | DAUPHIN | 223,713 | 0.2 | 75.0 | 97,255 | 6 | 22 | 6 | 6 | 24 |
| | DELAWARE | 603,456 | -2.8 | 96.8 | 245,437 | 5 | 29 | 8 | 6 | 11 |
| | ELK | 37,770 | 0.2 | 47.1 | 14,736 | 3 | 56 | 4 | 3 | 7 |
| | ERIE | 263,654 | 3.0 | 74.8 | 102,922 | 4 | 40 | 6 | 5 | 10 |
| | FAYETTE | 154,667 | 0.5 | 32.8 | 49,447 | 6 | 28 | 7 | 6 | 13 |
| | FOREST | 4,926 | 7.6 | 0.0 | 1,694 | 7 | 40 | 5 | 5 | 21 |
| | FRANKLIN | 100,833 | 3.5 | 31.6 | 41,130 | 6 | 33 | 7 | 5 | 22 |
| | FULTON | 10,776 | 3.8 | 0.0 | 4,196 | 12 | 31 | 5 | 4 | 20 |
| | GREENE | 36,090 | 6.7 | 14.3 | 11,276 | 10 | 14 | 10 | 6 | 16 |
| | HUNTINGDON | 39,108 | 2.3 | 27.2 | 14,136 | 9 | 34 | 9 | 4 | 16 |
| | INDIANA | 79,451 | 5.4 | 25.8 | 28,219 | 7 | 24 | 13 | 5 | 21 |
| | JEFFERSON | 43,695 | 5.6 | 39.7 | 16,205 | 7 | 33 | 6 | 6 | 12 |
| | JUNIATA | 16,712 | 5.0 | 0.0 | 6,434 | 10 | 36 | 6 | 4 | 16 |
| | LACKAWANNA | 234,504 | 0.4 | 67.2 | 96,824 | 5 | 36 | 6 | 5 | 12 |
| | LANCASTER | 320,079 | 6.6 | 54.2 | 139,670 | 6 | 39 | 6 | 6 | 8 |
| | LAWRENCE | 107,374 | -1.4 | 52.8 | 39,888 | 4 | 38 | 7 | 4 | 9 |
| | LEBANON | 99,665 | 22.4 | 47.6 | 43,682 | 4 | 43 | 5 | 4 | 11 |
| | LEHIGH | 255,304 | 3.9 | 79.8 | 113,124 | 4 | 41 | 6 | 5 | 8 |
| | LUZERNE | 341,956 | 1.2 | 78.2 | 140,644 | 5 | 40 | 5 | 5 | 12 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| PA | LYCOMING | 113,296 | 1.4 | 58.6 | 45,352 | 5 | 42 | 7 | 5 | 10 |
| | MC KEAN | 51,915 | -1.8 | 39.5 | 20,658 | 4 | 41 | 5 | 5 | 11 |
| | MERCER | 127,225 | -1.0 | 49.8 | 47,360 | 3 | 42 | 8 | 5 | 9 |
| | MIFFLIN | 45,268 | -0.9 | 30.0 | 17,926 | 4 | 44 | 5 | 4 | 9 |
| | MONROE | 45,422 | 21.7 | 29.4 | 19,009 | 9 | 29 | 8 | 11 | 16 |
| | MONTGOMERY | 624,080 | 1.0 | 61.4 | 262,375 | 5 | 34 | 7 | 6 | 10 |
| | MONTOUR | 16,508 | 3.3 | 37.0 | 5,914 | 5 | 37 | 5 | 3 | 17 |
| | NORTHAMPTON | 214,545 | 4.4 | 71.9 | 92,119 | 4 | 49 | 6 | 4 | 8 |
| | NORTHUMBERLAND | 99,190 | 0.2 | 59.8 | 40,127 | 7 | 41 | 5 | 5 | 11 |
| | PERRY | 28,615 | 9.9 | 7.9 | 11,173 | 8 | 26 | 5 | 5 | 20 |
| | PHILADELPHIA | 1,949,996 | -6.4 | 0.0 | 800,326 | 4 | 28 | 6 | 8 | 17 |
| | PIKE | 11,818 | 21.3 | 0.0 | 4,428 | 14 | 20 | 7 | 11 | 14 |
| | POTTER | 16,395 | 4.7 | 17.3 | 5,925 | 5 | 34 | 7 | 6 | 15 |
| | SCHUYLKILL | 160,089 | -0.6 | 51.9 | 64,242 | 7 | 45 | 4 | 4 | 10 |
| | SNYDER | 29,269 | 5.8 | 17.5 | 11,356 | 6 | 36 | 9 | 3 | 15 |
| | SOMERSET | 76,037 | 2.6 | 21.6 | 27,843 | 7 | 27 | 6 | 6 | 13 |
| | SULLIVAN | 5,961 | -2.8 | 0.0 | 2,096 | 13 | 40 | 5 | 5 | 20 |
| | SUSQUEHANNA | 34,344 | 6.1 | 0.0 | 13,207 | 8 | 34 | 6 | 5 | 12 |
| | TIOGA | 39,691 | 3.7 | 20.5 | 14,102 | 4 | 33 | 12 | 4 | 18 |
| | UNION | 28,603 | 9.3 | 31.4 | 10,642 | 6 | 35 | 15 | 5 | 13 |
| | VENANGO | 62,353 | 1.3 | 48.7 | 21,253 | 5 | 37 | 7 | 6 | 17 |
| | WARREN | 47,682 | -1.2 | 27.3 | 18,052 | 4 | 39 | 5 | 4 | 16 |
| | WASHINGTON | 210,876 | 1.5 | 44.0 | 76,497 | 5 | 33 | 7 | 6 | 12 |
| | WAYNE | 29,561 | 10.2 | 17.7 | 10,979 | 9 | 27 | 5 | 8 | 15 |
| | WESTMORELAND | 376,935 | 0.0 | 59.9 | 138,572 | 5 | 40 | 6 | 6 | 9 |
| | WYOMING | 19,082 | 16.3 | 0.0 | 7,389 | 9 | 34 | 6 | 6 | 11 |
| | YORK | 272,603 | 4.8 | 56.3 | 118,671 | 6 | 43 | 5 | 5 | 9 |
| RI | RHODE ISLAND | 949,723 | -2.4 | 87.0 | 386,002 | 5 | 35 | 7 | 5 | 15 |
| | BRISTOL | 45,937 | -0.8 | 95.1 | 18,942 | 5 | 41 | 8 | 5 | 12 |
| | KENT | 142,382 | 3.9 | 91.7 | 61,144 | 5 | 35 | 5 | 5 | 16 |
| | NEWPORT | 94,228 | -19.6 | 68.0 | 27,068 | 6 | 17 | 10 | 7 | 24 |
| | PROVIDENCE | 581,470 | -0.6 | 92.4 | 252,599 | 5 | 37 | 7 | 5 | 13 |
| | WASHINGTON | 85,706 | -6.9 | 59.1 | 28,249 | 5 | 27 | 15 | 5 | 28 |
| SC | SOUTH CAROLINA | 2,590,835 | 6.8 | 47.6 | 991,844 | 7 | 36 | 7 | 8 | 14 |
| | ABBEVILLE | 21,112 | 2.2 | 26.2 | 8,842 | 4 | 56 | 7 | 8 | 9 |
| | AIKEN | 91,023 | 3.9 | 44.8 | 35,791 | 6 | 43 | 6 | 6 | 11 |
| | ALLENDALE | 9,783 | 3.7 | 39.1 | 3,643 | 6 | 29 | 7 | 12 | 18 |
| | ANDERSON | 105,474 | 9.5 | 40.8 | 47,315 | 6 | 49 | 5 | 6 | 8 |
| | BAMBERG | 15,950 | 3.3 | 43.7 | 5,651 | 7 | 33 | 11 | 9 | 14 |
| | BARNWELL | 17,176 | 11.9 | 41.0 | 6,912 | 5 | 44 | 6 | 9 | 13 |
| | BEAUFORT | 51,136 | 3.8 | 50.3 | 11,563 | 8 | 9 | 9 | 15 | 36 |
| | BERKELEY | 56,199 | 14.7 | 45.1 | 15,950 | 9 | 33 | 7 | 6 | 27 |
| | CALHOUN | 10,780 | 3.9 | 0.0 | 3,781 | 8 | 26 | 7 | 11 | 13 |
| | CHARLESTON | 247,565 | 6.2 | 62.0 | 81,073 | 7 | 20 | 9 | 9 | 30 |
| | CHEROKEE | 36,791 | 10.0 | 46.2 | 15,510 | 9 | 49 | 6 | 6 | 10 |
| | CHESTER | 29,811 | 1.2 | 32.8 | 12,422 | 5 | 52 | 4 | 8 | 8 |
| | CHESTERFIELD | 33,667 | 2.1 | 16.7 | 13,586 | 5 | 51 | 5 | 6 | 9 |
| | CLARENDON | 25,604 | 1.8 | 15.7 | 8,901 | 7 | 23 | 6 | 12 | 13 |
| | COLLETON | 27,707 | 4.0 | 22.7 | 9,837 | 10 | 30 | 5 | 10 | 17 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| SC | DARLINGTON | 53,442 | 5.0 | 28.1 | 20,513 | 5 | 40 | 6 | 9 | 9 |
| | DILLON | 28,838 | 2.7 | 20.8 | 9,968 | 5 | 34 | 4 | 9 | 8 |
| | DORCHESTER | 32,276 | 37.2 | 11.9 | 10,487 | 7 | 34 | 7 | 9 | 24 |
| | EDGEFIELD | 15,692 | 2.7 | 34.6 | 5,968 | 6 | 40 | 6 | 6 | 16 |
| | FAIRFIELD | 19,999 | 0.4 | 17.1 | 7,463 | 6 | 46 | 6 | 9 | 13 |
| | FLORENCE | 89,636 | 8.7 | 35.8 | 34,208 | 7 | 26 | 6 | 8 | 11 |
| | GEORGETOWN | 33,500 | 12.7 | 39.6 | 11,474 | 5 | 35 | 8 | 13 | 14 |
| | GREENVILLE | 240,774 | 10.4 | 69.9 | 104,486 | 7 | 38 | 6 | 7 | 8 |
| | GREENWOOD | 49,686 | 5.2 | 42.4 | 22,745 | 5 | 52 | 6 | 6 | 9 |
| | HAMPTON | 15,878 | 7.5 | 18.4 | 5,564 | 8 | 31 | 6 | 11 | 14 |
| | HORRY | 69,992 | 21.7 | 29.5 | 24,554 | 8 | 17 | 6 | 11 | 13 |
| | JASPER | 11,885 | 8.5 | 0.0 | 3,950 | 15 | 21 | 8 | 12 | 19 |
| | KERSHAW | 34,727 | 4.0 | 24.6 | 14,001 | 6 | 47 | 6 | 7 | 12 |
| | LANCASTER | 43,328 | 5.1 | 34.5 | 19,161 | 6 | 59 | 4 | 7 | 6 |
| | LAURENS | 49,713 | 2.2 | 38.4 | 20,639 | 5 | 56 | 5 | 6 | 10 |
| | LEE | 18,323 | - 5.2 | 18.6 | 6,132 | 7 | 34 | 6 | 9 | 13 |
| | LEXINGTON | 89,012 | 34.0 | 53.3 | 37,762 | 10 | 26 | 5 | 7 | 15 |
| | MC CORMICK | 7,955 | - 1.0 | 0.0 | 2,691 | 11 | 47 | 5 | 6 | 13 |
| | MARION | 30,270 | 6.7 | 44.4 | 11,730 | 6 | 32 | 6 | 8 | 13 |
| | MARLBORO | 27,151 | 4.3 | 36.8 | 10,025 | 4 | 45 | 5 | 8 | 10 |
| | NEWBERRY | 29,273 | 4.8 | 31.5 | 12,807 | 6 | 44 | 6 | 7 | 10 |
| | OCONEE | 40,728 | 7.4 | 30.0 | 17,909 | 11 | 53 | 5 | 5 | 9 |
| | ORANGEBURG | 69,789 | 9.7 | 19.0 | 26,199 | 8 | 26 | 9 | 11 | 15 |
| | PICKENS | 58,956 | 16.2 | 38.3 | 24,929 | 9 | 46 | 12 | 5 | 14 |
| | RICHLAND | 233,868 | 7.5 | 84.7 | 81,114 | 7 | 14 | 11 | 10 | 27 |
| | SALUDA | 14,528 | - 1.5 | 1.7 | 5,714 | 10 | 41 | 5 | 6 | 12 |
| | SPARTANBURG | 173,724 | 10.6 | 37.4 | 74,125 | 6 | 44 | 6 | 7 | 9 |
| | SUMTER | 79,425 | 4.1 | 47.5 | 24,184 | 7 | 27 | 8 | 12 | 16 |
| | UNION | 29,230 | 2.7 | 36.9 | 12,458 | 5 | 55 | 5 | 6 | 11 |
| | WILLIAMSBURG | 34,243 | 0.4 | 10.0 | 11,052 | 6 | 29 | 9 | 8 | 15 |
| | YORK | 85,216 | 8.9 | 55.0 | 36,855 | 6 | 47 | 7 | 8 | 10 |
| SD | SOUTH DAKOTA | 666,257 | 2.6 | 44.6 | 249,360 | 5 | 7 | 10 | 6 | 16 |
| | ARMSTRONG | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | AURORA | 4,183 | - 4.5 | 0.0 | 1,524 | 5 | 3 | 8 | 3 | 23 |
| | BEADLE | 20,877 | - 4.0 | 68.1 | 8,419 | 6 | 10 | 9 | 5 | 16 |
| | BENNETT | 3,088 | 8.0 | 0.0 | 1,061 | 2 | 2 | 12 | 7 | 20 |
| | BON HOMME | 8,577 | - 8.0 | 0.0 | 3,307 | 4 | 5 | 14 | 5 | 19 |
| | BROOKINGS | 22,158 | 1.8 | 61.9 | 8,926 | 4 | 2 | 31 | 6 | 40 |
| | BROWN | 36,920 | 2.4 | 71.7 | 14,861 | 4 | 8 | 11 | 9 | 17 |
| | BRULE | 5,870 | - 1.4 | 42.6 | 2,372 | 7 | 1 | 11 | 8 | 15 |
| | BUFFALO | 1,739 | 5.2 | 0.0 | 446 | 13 | 2 | 11 | 6 | 22 |
| | BUTTE | 7,825 | 7.1 | 53.6 | 3,252 | 6 | 5 | 8 | 4 | 17 |
| | CAMPBELL | 2,866 | - 12.7 | 0.0 | 970 | 5 | 1 | 10 | 5 | 11 |
| | CHARLES MIX | 9,994 | 4.8 | 0.0 | 3,523 | 6 | 1 | 10 | 6 | 22 |
| | CLARK | 5,515 | 4.8 | 0.0 | 2,130 | 4 | 4 | 7 | 1 | 16 |
| | CLAY | 12,923 | 3.8 | 70.8 | 4,682 | 2 | 5 | 32 | 6 | 38 |
| | CODINGTON | 19,140 | 3.9 | 68.6 | 7,373 | 4 | 9 | 7 | 9 | 13 |
| | CORSON | 4,994 | 0.3 | 0.0 | 1,543 | 4 | 0 | 9 | 2 | 23 |
| | CUSTER | 4,698 | 13.0 | 0.0 | 1,801 | 5 | 10 | 6 | 5 | 33 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| SD | DAVISON | 17,319 | 2.7 | 76.1 | 7,277 | 5 | 6 | 8 | 9 | 11 |
| | DAY | 8,713 | - 2.7 | 0.0 | 2,905 | 4 | 4 | 7 | 5 | 17 |
| | DEUEL | 5,686 | 1.1 | 0.0 | 1,980 | 4 | 2 | 6 | 4 | 13 |
| | DEWEY | 5,170 | 15.1 | 0.0 | 1,627 | 2 | 1 | 16 | 7 | 33 |
| | DOUGLAS | 4,569 | - 1.5 | 0.0 | 1,678 | 4 | 1 | 5 | 3 | 12 |
| | EDMUNDS | 5,548 | 0.9 | 0.0 | 1,933 | 5 | 2 | 7 | 4 | 18 |
| | FALL RIVER | 7,505 | 11.6 | 59.1 | 2,802 | 2 | 2 | 6 | 5 | 32 |
| | FAULK | 3,893 | - 7.2 | 0.0 | 1,346 | 7 | 1 | 6 | 7 | 17 |
| | GRANT | 9,005 | 7.8 | 43.9 | 3,354 | 5 | 7 | 7 | 6 | 10 |
| | GREGORY | 6,710 | - 3.5 | 0.0 | 2,382 | 6 | 1 | 8 | 6 | 13 |
| | HAAKON | 2,802 | - 3.0 | 0.0 | 1,109 | 2 | 0 | 8 | 7 | 11 |
| | HAMLIN | 5,520 | - 1.0 | 0.0 | 1,874 | 4 | 2 | 6 | 7 | 14 |
| | HAND | 5,883 | - 8.9 | 0.0 | 2,111 | 5 | 1 | 9 | 8 | 16 |
| | HANSON | 3,781 | - 3.5 | 0.0 | 1,196 | 4 | 5 | 6 | 2 | 12 |
| | HARDING | 1,855 | 1.3 | 0.0 | 657 | 2 | 1 | 5 | 2 | 10 |
| | HUGHES | 11,632 | 16.3 | 83.3 | 5,263 | 11 | 2 | 8 | 7 | 43 |
| | HUTCHINSON | 10,379 | - 6.1 | 0.0 | 3,697 | 3 | 4 | 6 | 5 | 13 |
| | HYDE | 2,515 | - 3.0 | 0.0 | 880 | 4 | 0 | 14 | 4 | 15 |
| | JACKSON | 1,531 | 7.5 | 0.0 | 623 | 12 | 0 | 9 | 5 | 30 |
| | JERAULD | 3,310 | - 9.0 | 0.0 | 1,192 | 7 | 1 | 10 | 6 | 18 |
| | JONES | 1,882 | - 12.8 | 0.0 | 699 | 11 | 0 | 1 | 3 | 15 |
| | KINGSBURY | 7,657 | - 6.1 | 0.0 | 2,752 | 5 | 4 | 5 | 5 | 13 |
| | LAKE | 11,456 | - 7.1 | 55.0 | 4,594 | 5 | 5 | 16 | 6 | 24 |
| | LAWRENCE | 17,453 | - 4.1 | 58.5 | 6,552 | 3 | 7 | 13 | 8 | 23 |
| | LINCOLN | 11,761 | 6.4 | 22.7 | 4,612 | 4 | 12 | 7 | 6 | 11 |
| | LYMAN | 4,060 | 0.7 | 0.0 | 1,564 | 12 | 1 | 8 | 6 | 17 |
| | MC COOK | 7,246 | - 4.3 | 0.0 | 2,475 | 5 | 5 | 6 | 5 | 11 |
| | MC PHERSON | 5,022 | - 7.6 | 0.0 | 1,728 | 4 | 2 | 8 | 2 | 14 |
| | MARSHALL | 5,965 | - 5.2 | 0.0 | 1,987 | 5 | 1 | 5 | 6 | 14 |
| | MEADE | 17,020 | 7.6 | 62.2 | 4,069 | 5 | 4 | 8 | 6 | 28 |
| | MELLETTE | 2,420 | - 1.2 | 0.0 | 807 | 4 | 0 | 14 | 2 | 24 |
| | MINER | 4,454 | - 7.5 | 0.0 | 1,646 | 3 | 2 | 10 | 4 | 16 |
| | MINNEHAHA | 95,209 | 5.1 | 78.9 | 38,550 | 4 | 16 | 6 | 8 | 11 |
| | MOODY | 7,622 | - 0.4 | 0.0 | 2,741 | 4 | 4 | 7 | 6 | 15 |
| | PENNINGTON | 59,349 | 13.5 | 75.1 | 21,815 | 8 | 10 | 9 | 7 | 19 |
| | PERKINS | 4,769 | - 6.2 | 0.0 | 2,074 | 3 | 1 | 7 | 4 | 9 |
| | POTTER | 4,449 | - 5.3 | 0.0 | 1,620 | 5 | 1 | 3 | 6 | 10 |
| | ROBERTS | 11,678 | 1.0 | 26.5 | 4,005 | 5 | 3 | 9 | 5 | 17 |
| | SANBORN | 3,697 | - 7.3 | 0.0 | 1,313 | 5 | 5 | 8 | 6 | 15 |
| | SHANNON | 8,198 | 14.9 | 42.0 | 2,229 | 6 | 4 | 17 | 7 | 46 |
| | SPINK | 10,595 | - 6.0 | 27.8 | 3,582 | 3 | 2 | 5 | 6 | 18 |
| | STANLEY | 2,457 | 3.3 | 0.0 | 1,012 | 14 | 1 | 3 | 9 | 19 |
| | SULLY | 2,362 | - 7.7 | 0.0 | 824 | 4 | 0 | 12 | 4 | 14 |
| | TODD | 6,606 | 10.8 | 0.0 | 1,636 | 5 | 6 | 24 | 2 | 41 |
| | TRIPP | 8,171 | 1.6 | 47.7 | 3,059 | 6 | 1 | 5 | 6 | 13 |
| | TURNER | 9,872 | - 5.1 | 0.0 | 3,449 | 4 | 5 | 5 | 6 | 10 |
| | UNION | 9,643 | 8.1 | 8.8 | 3,701 | 4 | 13 | 6 | 6 | 11 |
| | WALWORTH | 7,842 | 0.1 | 58.4 | 2,891 | 6 | 3 | 7 | 10 | 11 |
| | WASHABAUGH | 1,389 | 10.6 | 0.0 | 330 | 3 | 1 | 6 | 1 | 18 |

| STATE | AND COUNTY | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| SD | WASHINGTON | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | YANKTON | 19,039 | - 5.7 | 61.2 | 7,679 | 4 | 10 | 9 | 5 | 18 |
| | ZIEBACH | 2,221 | 20.3 | 0.0 | 685 | 3 | 2 | 14 | 8 | 25 |
| TN | TENNESSEE | 3,926,018 | 6.7 | 58.8 | 1,526,055 | 6 | 30 | 7 | 8 | 16 |
| | ANDERSON | 60,300 | 1.5 | 56.4 | 22,605 | 7 | 37 | 8 | 8 | 24 |
| | BEDFORD | 25,039 | 2.7 | 49.0 | 10,826 | 7 | 39 | 4 | 9 | 13 |
| | BENTON | 12,126 | 4.4 | 25.1 | 4,614 | 10 | 35 | 4 | 6 | 19 |
| | BLEDSOE | 7,643 | 13.3 | 0.0 | 2,344 | 11 | 35 | 8 | 3 | 21 |
| | BLOUNT | 63,744 | 9.2 | 42.1 | 24,119 | 7 | 35 | 8 | 7 | 14 |
| | BRADLEY | 50,686 | 15.7 | 50.8 | 21,674 | 5 | 46 | 5 | 6 | 10 |
| | CAMPBELL | 26,045 | 17.8 | 26.5 | 7,201 | 13 | 28 | 6 | 8 | 19 |
| | CANNON | 8,467 | 10.8 | 0.0 | 3,407 | 8 | 41 | 4 | 5 | 13 |
| | CARROLL | 25,741 | 2.6 | 33.3 | 10,947 | 5 | 46 | 5 | 5 | 14 |
| | CARTER | 43,259 | 6.1 | 28.8 | 15,715 | 8 | 42 | 7 | 5 | 15 |
| | CHEATHAM | 13,199 | 21.6 | 0.0 | 4,986 | 15 | 31 | 5 | 7 | 13 |
| | CHESTER | 9,927 | 11.0 | 36.1 | 3,827 | 9 | 37 | 7 | 6 | 11 |
| | CLAIBORNE | 19,420 | 16.6 | 0.0 | 5,884 | 7 | 25 | 13 | 5 | 18 |
| | CLAY | 6,624 | 1.0 | 0.0 | 2,363 | 11 | 33 | 9 | 8 | 22 |
| | COCKE | 25,283 | 10.0 | 29.0 | 9,022 | 6 | 50 | 7 | 5 | 14 |
| | COFFEE | 32,572 | 4.4 | 64.1 | 12,685 | 7 | 26 | 6 | 21 | 15 |
| | CROCKETT | 14,402 | 1.8 | 0.0 | 5,259 | 7 | 39 | 6 | 4 | 13 |
| | CUMBERLAND | 20,733 | 15.8 | 26.0 | 7,022 | 8 | 33 | 5 | 6 | 13 |
| | DAVIDSON | 447,877 | 0.7 | 97.4 | 189,793 | 6 | 21 | 8 | 9 | 15 |
| | DECATUR | 9,457 | - 0.7 | 0.0 | 3,930 | 7 | 47 | 4 | 5 | 11 |
| | DE KALB | 11,151 | 11.6 | 26.9 | 4,623 | 11 | 37 | 4 | 6 | 14 |
| | DICKSON | 21,977 | 19.2 | 25.8 | 8,693 | 10 | 37 | 4 | 5 | 15 |
| | DYER | 30,427 | 2.5 | 47.7 | 12,700 | 7 | 36 | 5 | 7 | 13 |
| | FAYETTE | 22,692 | 5.7 | 0.0 | 6,605 | 7 | 25 | 7 | 9 | 16 |
| | FENTRESS | 12,593 | 10.1 | 0.0 | 4,143 | 7 | 36 | 9 | 4 | 22 |
| | FRANKLIN | 27,289 | 3.5 | 21.4 | 10,390 | 7 | 24 | 13 | 12 | 19 |
| | GIBSON | 47,871 | - 1.3 | 50.2 | 19,958 | 6 | 45 | 4 | 7 | 13 |
| | GILES | 22,138 | 3.4 | 31.6 | 8,903 | 7 | 40 | 5 | 8 | 12 |
| | GRAINGER | 13,948 | 11.4 | 0.0 | 4,922 | 11 | 41 | 5 | 4 | 8 |
| | GREENE | 47,630 | 4.8 | 28.8 | 19,267 | 7 | 37 | 5 | 5 | 11 |
| | GRUNDY | 10,631 | 15.4 | 0.0 | 3,475 | 9 | 33 | 6 | 5 | 14 |
| | HAMBLEN | 38,696 | 11.6 | 52.5 | 15,889 | 5 | 45 | 4 | 5 | 7 |
| | HAMILTON | 255,077 | 4.2 | 80.8 | 104,796 | 6 | 31 | 7 | 8 | 14 |
| | HANCOCK | 6,719 | - 3.5 | 0.0 | 1,679 | 8 | 29 | 11 | 4 | 23 |
| | HARDEMAN | 22,435 | - 1.5 | 29.7 | 7,123 | 5 | 35 | 6 | 7 | 22 |
| | HARDIN | 18,212 | 8.8 | 30.6 | 7,025 | 7 | 39 | 6 | 6 | 14 |
| | HAWKINS | 33,757 | 10.5 | 29.2 | 11,687 | 9 | 42 | 5 | 5 | 13 |
| | HAYWOOD | 19,596 | 4.1 | 35.8 | 6,352 | 7 | 24 | 6 | 8 | 17 |
| | HENDERSON | 17,360 | 10.1 | 28.7 | 6,640 | 7 | 45 | 4 | 4 | 14 |
| | HENRY | 23,749 | 4.4 | 41.7 | 9,283 | 6 | 31 | 5 | 9 | 14 |
| | HICKMAN | 12,096 | 10.4 | 21.4 | 4,480 | 9 | 43 | 2 | 6 | 13 |
| | HOUSTON | 5,853 | 8.3 | 0.0 | 1,995 | 16 | 28 | 5 | 5 | 38 |
| | HUMPHREYS | 13,560 | 9.7 | 28.0 | 4,782 | 11 | 33 | 3 | 6 | 18 |
| | JACKSON | 8,141 | 2.3 | 0.0 | 2,834 | 9 | 39 | 8 | 3 | 16 |
| | JEFFERSON | 24,940 | 10.2 | 20.5 | 9,732 | 6 | 37 | 8 | 4 | 10 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| TN | JOHNSON | 11,569 | 10.6 | 0.0 | 4,231 | 9 | 47 | 5 | 4 | 12 |
| | KNOX | 276,293 | 6.8 | 69.1 | 107,623 | 6 | 22 | 11 | 8 | 20 |
| | LAKE | 8,074 | -7.8 | 0.0 | 2,621 | 5 | 35 | 3 | 9 | 12 |
| | LAUDERDALE | 20,271 | 9.2 | 23.6 | 6,550 | 5 | 32 | 5 | 7 | 14 |
| | LAWRENCE | 29,097 | 11.2 | 30.5 | 10,233 | 8 | 46 | 4 | 5 | 13 |
| | LEWIS | 6,761 | 15.7 | 51.6 | 2,602 | 10 | 46 | 6 | 4 | 14 |
| | LINCOLN | 24,318 | 5.8 | 28.9 | 9,980 | 8 | 32 | 6 | 7 | 19 |
| | LOUDON | 24,266 | 8.6 | 37.3 | 9,847 | 7 | 46 | 4 | 6 | 17 |
| | MC MINN | 35,462 | 11.4 | 43.8 | 14,073 | 6 | 45 | 5 | 5 | 10 |
| | MC NAIRY | 18,369 | 10.5 | 18.2 | 6,754 | 7 | 43 | 4 | 5 | 15 |
| | MACON | 12,315 | 9.8 | 21.0 | 5,207 | 6 | 39 | 6 | 4 | 13 |
| | MADISON | 65,774 | 9.4 | 60.9 | 25,436 | 7 | 25 | 8 | 9 | 17 |
| | MARION | 20,577 | 5.5 | 18.0 | 6,923 | 9 | 36 | 6 | 4 | 16 |
| | MARSHALL | 17,319 | 4.2 | 41.6 | 7,433 | 6 | 46 | 3 | 5 | 10 |
| | MAURY | 44,028 | 2.7 | 57.6 | 17,574 | 7 | 32 | 5 | 8 | 12 |
| | MEIGS | 5,219 | 15.1 | 0.0 | 1,978 | 11 | 44 | 6 | 5 | 15 |
| | MONROE | 23,475 | 8.1 | 29.6 | 8,790 | 7 | 42 | 6 | 5 | 10 |
| | MONTGOMERY | 62,721 | 17.8 | 65.4 | 19,427 | 5 | 23 | 8 | 8 | 26 |
| | MOORE | 3,568 | -2.3 | 0.0 | 1,667 | 9 | 43 | 4 | 6 | 12 |
| | MORGAN | 13,619 | 5.9 | 0.2 | 3,964 | 7 | 42 | 7 | 5 | 24 |
| | OBION | 30,247 | 8.5 | 48.7 | 12,446 | 5 | 33 | 5 | 8 | 12 |
| | OVERTON | 14,866 | 4.6 | 20.5 | 5,421 | 6 | 44 | 6 | 7 | 12 |
| | PERRY | 5,238 | 11.0 | 0.0 | 2,088 | 6 | 55 | 4 | 4 | 11 |
| | PICKETT | 3,774 | 8.2 | 0.0 | 1,293 | 10 | 43 | 10 | 2 | 23 |
| | POLK | 11,669 | 3.6 | 0.0 | 4,241 | 8 | 41 | 5 | 4 | 13 |
| | PUTNAM | 35,487 | 14.9 | 40.2 | 13,439 | 8 | 30 | 13 | 7 | 20 |
| | RHEA | 17,202 | 18.1 | 25.4 | 6,248 | 5 | 45 | 8 | 4 | 18 |
| | ROANE | 38,881 | 4.5 | 53.5 | 15,493 | 7 | 48 | 4 | 5 | 17 |
| | ROBERTSON | 29,102 | 9.7 | 33.4 | 11,057 | 8 | 30 | 5 | 6 | 12 |
| | RUTHERFORD | 59,428 | 15.8 | 58.7 | 23,112 | 7 | 24 | 11 | 8 | 21 |
| | SCOTT | 14,762 | 12.4 | 16.9 | 4,394 | 4 | 32 | 8 | 6 | 21 |
| | SEQUATCHIE | 6,331 | 13.1 | 0.0 | 2,197 | 11 | 39 | 8 | 2 | 13 |
| | SEVIER | 28,241 | 13.9 | 9.4 | 11,277 | 12 | 27 | 5 | 10 | 12 |
| | SHELBY | 722,111 | 3.2 | 94.2 | 278,926 | 5 | 20 | 7 | 10 | 17 |
| | SMITH | 12,509 | 6.9 | 0.0 | 5,413 | 9 | 30 | 5 | 5 | 11 |
| | STEWART | 7,319 | 10.8 | 0.0 | 2,566 | 7 | 29 | 5 | 6 | 29 |
| | SULLIVAN | 127,329 | 5.6 | 55.8 | 51,082 | 7 | 41 | 5 | 6 | 11 |
| | SUMNER | 56,266 | 24.3 | 50.4 | 22,863 | 9 | 35 | 4 | 6 | 11 |
| | TIPTON | 28,001 | 5.2 | 20.7 | 8,797 | 7 | 25 | 5 | 7 | 18 |
| | TROUSDALE | 5,155 | 2.7 | 0.0 | 2,387 | 5 | 39 | 4 | 6 | 8 |
| | UNICOI | 15,254 | 2.4 | 47.4 | 5,481 | 5 | 42 | 6 | 4 | 11 |
| | UNION | 9,072 | 12.2 | 0.0 | 3,231 | 10 | 39 | 2 | 6 | 12 |
| | VAN BUREN | 3,758 | 10.0 | 0.0 | 1,562 | 9 | 61 | 3 | 0 | 13 |
| | WARREN | 26,972 | 9.2 | 39.5 | 11,200 | 6 | 40 | 5 | 7 | 9 |
| | WASHINGTON | 73,924 | 9.5 | 45.7 | 28,006 | 8 | 30 | 10 | 6 | 17 |
| | WAYNE | 12,365 | 6.8 | 0.0 | 4,691 | 5 | 58 | 4 | 4 | 13 |
| | WEAKLEY | 28,827 | 6.1 | 28.0 | 11,573 | 5 | 35 | 12 | 5 | 22 |
| | WHITE | 16,329 | 9.0 | 30.1 | 6,456 | 6 | 49 | 4 | 5 | 10 |
| | WILLIAMSON | 34,423 | 28.9 | 27.4 | 13,823 | 8 | 24 | 6 | 9 | 11 |

| STATE | AND COUNTY | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| TN | WILSON | 36,999 | 21.0 | 33.8 | 15,208 | 8 | 36 | 5 | 6 | 10 |
| TX | TEXAS | 11,196,655 | 9.3 | 79.8 | 4,297,786 | 7 | 18 | 7 | 9 | 15 |
| | ANDERSON | 27,789 | 10.1 | 52.3 | 9,493 | 7 | 17 | 6 | 9 | 13 |
| | ANDREWS | 10,372 | 9.1 | 84.2 | 4,217 | 5 | 4 | 10 | 7 | 14 |
| | ANGELINA | 49,349 | 10.6 | 53.9 | 17,750 | 8 | 35 | 7 | 7 | 12 |
| | ARANSAS | 8,902 | 19.4 | 50.5 | 2,960 | 9 | 10 | 4 | 17 | 11 |
| | ARCHER | 5,759 | 7.2 | 0.0 | 2,289 | 6 | 4 | 8 | 5 | 19 |
| | ARMSTRONG | 1,895 | - 3.5 | 0.0 | 698 | 5 | 8 | 6 | 7 | 15 |
| | ATASCOSA | 18,696 | 6.0 | 44.8 | 6,159 | 9 | 5 | 8 | 8 | 17 |
| | AUSTIN | 13,831 | 9.5 | 19.9 | 4,926 | 13 | 10 | 4 | 9 | 10 |
| | BAILEY | 8,487 | - 1.9 | 53.3 | 3,207 | 3 | 4 | 10 | 6 | 15 |
| | BANDERA | 4,747 | 30.1 | 0.0 | 1,807 | 13 | 10 | 6 | 13 | 18 |
| | BASTROP | 17,297 | 16.5 | 57.7 | 6,328 | 10 | 13 | 9 | 11 | 20 |
| | BAYLOR | 5,221 | - 5.0 | 69.0 | 2,194 | 4 | 3 | 6 | 12 | 13 |
| | BEE | 22,737 | 2.5 | 58.7 | 6,652 | 10 | 3 | 11 | 10 | 23 |
| | BELL | 124,483 | 28.5 | 84.8 | 33,648 | 6 | 12 | 6 | 10 | 22 |
| | BEXAR | 830,460 | 9.6 | 94.9 | 275,947 | 6 | 11 | 7 | 9 | 25 |
| | BLANCO | 3,567 | 17.9 | 0.0 | 1,467 | 11 | 4 | 4 | 9 | 17 |
| | BORDEN | 888 | - 12.0 | 0.0 | 335 | 3 | 3 | 28 | 0 | 10 |
| | BOSQUE | 10,966 | 11.2 | 26.7 | 4,483 | 10 | 20 | 4 | 7 | 13 |
| | BOWIE | 67,909 | 1.1 | 67.8 | 26,664 | 5 | 24 | 6 | 8 | 27 |
| | BRAZORIA | 108,312 | 13.4 | 61.3 | 40,987 | 13 | 29 | 7 | 7 | 12 |
| | BRAZOS | 57,978 | 24.7 | 88.8 | 22,500 | 6 | 8 | 30 | 10 | 38 |
| | BREWSTER | 7,780 | 0.7 | 78.8 | 2,939 | 5 | 2 | 23 | 11 | 32 |
| | BRISCOE | 2,794 | - 2.8 | 0.0 | 1,005 | 9 | 1 | 6 | 4 | 11 |
| | BROOKS | 8,005 | - 4.1 | 83.8 | 2,341 | 10 | 2 | 11 | 10 | 23 |
| | BROWN | 25,877 | 21.3 | 67.1 | 10,182 | 9 | 17 | 7 | 8 | 11 |
| | BURLESON | 9,999 | 5.0 | 0.0 | 3,533 | 8 | 22 | 11 | 9 | 16 |
| | BURNET | 11,420 | 33.2 | 27.0 | 3,621 | 14 | 4 | 7 | 9 | 17 |
| | CALDWELL | 21,178 | 3.8 | 52.9 | 6,365 | 10 | 9 | 11 | 10 | 21 |
| | CALHOUN | 17,831 | - 1.0 | 58.5 | 6,045 | 13 | 27 | 8 | 6 | 14 |
| | CALLAHAN | 8,205 | 13.0 | 0.0 | 3,044 | 9 | 11 | 8 | 7 | 17 |
| | CAMERON | 140,368 | 20.6 | 77.6 | 43,014 | 7 | 11 | 9 | 9 | 17 |
| | CAMP | 8,005 | - 1.5 | 48.0 | 2,603 | 3 | 28 | 4 | 6 | 11 |
| | CARSON | 6,358 | - 6.2 | 0.0 | 2,450 | 5 | 15 | 7 | 6 | 15 |
| | CASS | 24,133 | 9.1 | 20.7 | 8,248 | 10 | 33 | 6 | 6 | 17 |
| | CASTRO | 10,394 | - 1.7 | 39.4 | 3,555 | 3 | 3 | 7 | 7 | 14 |
| | CHAMBERS | 12,187 | 6.5 | 0.0 | 4,438 | 11 | 12 | 7 | 7 | 14 |
| | CHEROKEE | 32,008 | 4.7 | 46.4 | 11,682 | 8 | 25 | 7 | 8 | 17 |
| | CHILDRESS | 6,605 | - 1.0 | 84.7 | 2,876 | 10 | 11 | 4 | 9 | 17 |
| | CLAY | 8,079 | 5.6 | 37.2 | 3,065 | 9 | 14 | 5 | 6 | 18 |
| | COCHRAN | 5,326 | - 7.2 | 48.1 | 1,733 | 3 | 1 | 7 | 4 | 14 |
| | COKE | 3,087 | 9.9 | 0.0 | 1,265 | 6 | 5 | 6 | 6 | 15 |
| | COLEMAN | 10,288 | - 1.0 | 54.8 | 3,770 | 10 | 8 | 6 | 6 | 13 |
| | COLLIN | 66,920 | 38.7 | 58.4 | 27,846 | 7 | 33 | 6 | 7 | 12 |
| | COLLINGSWORTH | 4,755 | - 4.8 | 62.3 | 1,827 | 6 | 4 | 5 | 8 | 12 |
| | COLORADO | 17,638 | - 1.5 | 39.5 | 6,760 | 8 | 5 | 3 | 11 | 7 |
| | COMAL | 24,165 | 17.6 | 73.9 | 9,671 | 9 | 26 | 7 | 7 | 16 |
| | COMANCHE | 11,898 | 2.3 | 33.1 | 4,583 | 9 | 12 | 4 | 5 | 11 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URE 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| TX | CONCHO | 2,937 | - 3.6 | 0.0 | 1,138 | 3 | 1 | 4 | 6 | 15 |
| | COOKE | 23,471 | 6.8 | 58.9 | 9,423 | 6 | 23 | 8 | 6 | 12 |
| | CORYELL | 35,311 | 43.2 | 69.3 | 6,963 | 7 | 6 | 9 | 9 | 35 |
| | COTTLE | 3,204 | - 7.0 | 0.0 | 1,326 | 4 | 3 | 7 | 7 | 18 |
| | CRANE | 4,172 | - 7.3 | 84.2 | 1,624 | 2 | 2 | 6 | 5 | 15 |
| | CROCKETT | 3,885 | 5.8 | 77.2 | 1,441 | 7 | 2 | 5 | 15 | 19 |
| | CROSBY | 9,085 | - 5.4 | 0.0 | 3,100 | 3 | 5 | 6 | 8 | 12 |
| | CULBERSON | 3,429 | 6.6 | 0.0 | 1,292 | 16 | 2 | 9 | 13 | 19 |
| | DALLAM | 6,012 | 5.8 | 75.5 | 2,487 | 6 | 6 | 4 | 11 | 7 |
| | DALLAS | 1,327,695 | 5.4 | 99.0 | 592,213 | 6 | 23 | 5 | 9 | 10 |
| | DAWSON | 16,604 | - 4.9 | 69.2 | 5,984 | 4 | 5 | 7 | 11 | 13 |
| | DEAF SMITH | 18,999 | 2.2 | 70.6 | 6,955 | 6 | 7 | 7 | 8 | 12 |
| | DELTA | 4,927 | - 6.4 | 0.0 | 1,828 | 6 | 19 | 5 | 7 | 11 |
| | DENTON | 75,633 | 33.7 | 65.0 | 32,003 | 8 | 21 | 19 | 6 | 27 |
| | DE WITT | 18,660 | - 2.6 | 50.4 | 6,826 | 7 | 16 | 6 | 8 | 13 |
| | DICKENS | 3,737 | - 8.9 | 0.0 | 1,262 | 5 | 1 | 6 | 7 | 18 |
| | DIMMIT | 9,039 | 17.6 | 59.8 | 2,606 | 6 | 5 | 10 | 9 | 20 |
| | DONLEY | 3,641 | 2.7 | 0.0 | 1,416 | 7 | 3 | 8 | 9 | 16 |
| | DUVAL | 11,722 | 0.8 | 58.4 | 3,608 | 13 | 3 | 11 | 8 | 22 |
| | EASTLAND | 18,092 | 1.9 | 57.3 | 6,906 | 7 | 12 | 7 | 8 | 13 |
| | ECTOR | 92,660 | 6.6 | 89.4 | 37,524 | 9 | 11 | 7 | 9 | 11 |
| | EDWARDS | 2,107 | - 2.4 | 0.0 | 632 | 6 | 1 | 8 | 2 | 16 |
| | ELLIS | 46,638 | 10.3 | 52.8 | 19,113 | 7 | 28 | 5 | 9 | 10 |
| | EL PASO | 359,291 | 15.4 | 96.3 | 112,825 | 6 | 17 | 9 | 8 | 22 |
| | ERATH | 18,141 | 6.9 | 67.1 | 6,956 | 8 | 10 | 11 | 8 | 20 |
| | FALLS | 17,300 | - 5.6 | 37.0 | 5,654 | 7 | 11 | 6 | 12 | 16 |
| | FANNIN | 22,705 | 1.3 | 34.4 | 8,336 | 7 | 32 | 5 | 7 | 14 |
| | FAYETTE | 17,650 | - 2.2 | 18.3 | 7,166 | 8 | 5 | 5 | 9 | 10 |
| | FISHER | 6,344 | - 10.8 | 0.0 | 2,235 | 5 | 10 | 5 | 7 | 12 |
| | FLOYD | 11,044 | - 2.5 | 37.2 | 3,693 | 3 | 1 | 6 | 8 | 13 |
| | FOARD | 2,211 | - 1.3 | 0.0 | 827 | 10 | 5 | 3 | 9 | 18 |
| | FORT BEND | 52,314 | 42.7 | 55.3 | 16,342 | 10 | 23 | 6 | 8 | 11 |
| | FRANKLIN | 5,291 | 23.3 | 17.9 | 1,980 | 12 | 21 | 4 | 10 | 11 |
| | FREESTONE | 11,116 | 8.6 | 25.8 | 3,962 | 14 | 7 | 9 | 9 | 15 |
| | FRIO | 11,159 | 2.7 | 51.6 | 3,491 | 8 | 2 | 9 | 6 | 14 |
| | GAINES | 11,593 | - 2.5 | 45.5 | 4,272 | 4 | 5 | 9 | 6 | 13 |
| | GALVESTON | 169,812 | 7.2 | 89.9 | 67,530 | 9 | 20 | 6 | 8 | 19 |
| | GARZA | 5,289 | - 4.2 | 73.9 | 2,129 | 7 | 23 | 5 | 7 | 13 |
| | GILLESPIE | 10,553 | 7.1 | 50.3 | 4,350 | 10 | 11 | 4 | 7 | 12 |
| | GLASSCOCK | 1,155 | - 2.0 | 0.0 | 420 | 4 | 1 | 6 | 1 | 18 |
| | GOLIAD | 4,869 | - 3.2 | 0.0 | 1,633 | 13 | 2 | 8 | 10 | 20 |
| | GONZALES | 16,375 | 0.7 | 36.1 | 6,164 | 7 | 13 | 5 | 8 | 15 |
| | GRAY | 26,949 | - 6.7 | 80.3 | 11,377 | 7 | 19 | 5 | 10 | 12 |
| | GRAYSON | 83,225 | - 5.1 | 69.8 | 32,355 | 7 | 29 | 6 | 7 | 11 |
| | GREGG | 75,929 | 6.5 | 75.2 | 29,716 | 7 | 23 | 7 | 10 | 9 |
| | GRIMES | 11,855 | 2.7 | 43.1 | 4,094 | 9 | 11 | 8 | 11 | 14 |
| | GUADALUPE | 33,554 | 14.4 | 59.3 | 12,203 | 8 | 14 | 8 | 10 | 19 |
| | HALE | 34,137 | 4.9 | 61.1 | 12,562 | 6 | 6 | 8 | 9 | 11 |
| | HALL | 6,015 | - 3.6 | 59.5 | 2,355 | 5 | 8 | 4 | 6 | 14 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| TX | HAMILTON | 7,198 | 3.1 | 37.4 | 3,001 | 8 | 10 | 5 | 7 | 12 |
| | HANSFORD | 6,351 | - 5.9 | 57.1 | 2,404 | 5 | 4 | 9 | 7 | 12 |
| | HARDEMAN | 6,795 | - 4.7 | 53.7 | 2,647 | 8 | 14 | 4 | 9 | 15 |
| | HARDIN | 29,996 | 16.8 | 25.7 | 10,588 | 10 | 28 | 7 | 7 | 10 |
| | HARRIS | 1,741,912 | 12.7 | 95.5 | 733,789 | 8 | 20 | 6 | 10 | 10 |
| | HARRISON | 44,841 | - 0.9 | 51.2 | 16,732 | 7 | 29 | 9 | 10 | 12 |
| | HARTLEY | 2,782 | 16.8 | 49.6 | 958 | 3 | 2 | 8 | 7 | 9 |
| | HASKELL | 8,512 | - 7.0 | 46.0 | 3,171 | 5 | 2 | 5 | 8 | 11 |
| | HAYS | 27,642 | 21.2 | 65.2 | 10,386 | 7 | 8 | 30 | 8 | 34 |
| | HEMPHILL | 3,084 | 21.7 | 0.0 | 1,164 | 5 | 2 | 4 | 12 | 12 |
| | HENDERSON | 26,466 | 15.7 | 36.4 | 9,491 | 11 | 23 | 7 | 8 | 13 |
| | HIDALGO | 181,535 | 21.6 | 74.1 | 55,321 | 6 | 7 | 10 | 8 | 16 |
| | HILL | 22,596 | 1.1 | 32.4 | 8,347 | 7 | 19 | 6 | 7 | 12 |
| | HOCKLEY | 20,396 | 2.5 | 55.9 | 7,471 | 5 | 2 | 11 | 7 | 13 |
| | HOOD | 6,368 | 60.5 | 0.0 | 2,487 | 9 | 22 | 6 | 7 | 15 |
| | HOPKINS | 20,710 | 3.1 | 51.0 | 8,185 | 7 | 24 | 4 | 7 | 10 |
| | HOUSTON | 17,855 | - 1.4 | 37.1 | 5,385 | 6 | 17 | 8 | 12 | 20 |
| | HOWARD | 37,796 | - 1.0 | 76.3 | 13,458 | 5 | 11 | 8 | 7 | 24 |
| | HUDSPETH | 2,392 | 19.1 | 0.0 | 834 | 8 | 3 | 11 | 8 | 22 |
| | HUNT | 47,948 | 3.5 | 65.9 | 19,533 | 6 | 27 | 12 | 7 | 19 |
| | HUTCHINSON | 24,443 | 0.1 | 68.4 | 10,040 | 6 | 26 | 7 | 7 | 12 |
| | IRION | 1,070 | 2.6 | 0.0 | 387 | 8 | 5 | 4 | 7 | 13 |
| | JACK | 6,711 | - 4.0 | 53.6 | 2,466 | 8 | 8 | 10 | 6 | 18 |
| | JACKSON | 12,975 | - 1.5 | 41.1 | 4,640 | 10 | 8 | 6 | 9 | 15 |
| | JASPER | 24,692 | 8.1 | 25.3 | 8,136 | 9 | 30 | 5 | 10 | 10 |
| | JEFF DAVIS | 1,527 | - 4.6 | 0.0 | 602 | 9 | 0 | 15 | 12 | 39 |
| | JEFFERSON | 246,402 | - 2.9 | 95.0 | 93,914 | 7 | 28 | 7 | 9 | 11 |
| | JIM HOGG | 4,654 | 3.1 | 92.5 | 1,594 | 13 | 4 | 7 | 9 | 20 |
| | JIM WELLS | 33,032 | 1.4 | 72.6 | 11,031 | 8 | 4 | 8 | 10 | 14 |
| | JOHNSON | 45,769 | 23.6 | 51.1 | 18,118 | 7 | 28 | 5 | 7 | 11 |
| | JONES | 16,106 | - 2.8 | 65.4 | 6,176 | 5 | 7 | 5 | 10 | 11 |
| | KARNES | 13,462 | - 2.5 | 53.4 | 4,474 | 6 | 3 | 9 | 10 | 14 |
| | KAUFMAN | 32,392 | 13.8 | 56.1 | 11,754 | 10 | 15 | 5 | 9 | 18 |
| | KENDALL | 6,964 | 20.7 | 0.0 | 2,713 | 11 | 6 | 6 | 14 | 22 |
| | KENEDY | 678 | - 10.9 | 0.0 | 304 | 0 | 3 | 5 | 12 | 10 |
| | KENT | 1,434 | - 13.0 | 0.0 | 620 | 11 | 0 | 9 | 0 | 17 |
| | KERR | 19,454 | 13.0 | 65.7 | 6,823 | 9 | 9 | 7 | 9 | 24 |
| | KIMBLE | 3,904 | 7.9 | 64.9 | 1,637 | 15 | 2 | 6 | 7 | 17 |
| | KING | 464 | - 9.5 | 0.0 | 215 | 2 | 0 | 2 | 2 | 16 |
| | KINNEY | 2,006 | 12.8 | 0.0 | 705 | 6 | 0 | 8 | 13 | 20 |
| | KLEBERG | 33,166 | - 1.9 | 66.2 | 10,204 | 9 | 8 | 19 | 9 | 28 |
| | KNOX | 5,972 | - 5.4 | 0.0 | 2,117 | 5 | 1 | 9 | 7 | 17 |
| | LAMAR | 36,062 | 4.4 | 65.0 | 14,307 | 7 | 27 | 6 | 9 | 10 |
| | LAMB | 17,770 | - 6.4 | 38.5 | 6,112 | 4 | 3 | 7 | 9 | 9 |
| | LAMPASAS | 9,323 | 31.6 | 62.5 | 3,328 | 9 | 9 | 6 | 9 | 22 |
| | LA SALLE | 5,014 | 4.3 | 78.6 | 1,458 | 13 | 0 | 12 | 10 | 25 |
| | LAVACA | 17,903 | - 3.1 | 35.2 | 6,355 | 8 | 21 | 6 | 8 | 11 |
| | LEE | 8,048 | 6.4 | 34.6 | 2,796 | 12 | 13 | 4 | 6 | 10 |
| | LEON | 8,738 | 2.5 | 0.0 | 2,779 | 11 | 7 | 9 | 11 | 19 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| TX | LIBERTY | 33,014 | 12.6 | 45.5 | 11,327 | 13 | 13 | 7 | 10 | 11 |
| | LIMESTONE | 18,100 | - 1.2 | 32.7 | 5,837 | 7 | 12 | 13 | 8 | 29 |
| | LIPSCOMB | 3,486 | - 1.5 | 0.0 | 1,331 | 9 | 1 | 9 | 6 | 17 |
| | LIVE OAK | 6,697 | - 5.9 | 0.0 | 2,177 | 12 | 3 | 7 | 7 | 20 |
| | LLANO | 6,979 | 24.5 | 39.8 | 2,722 | 10 | 3 | 5 | 16 | 16 |
| | LOVING | 164 | - 30.5 | 0.0 | 26 | 57 | 0 | 0 | 0 | 0 |
| | LUBBOCK | 179,295 | 9.7 | 89.3 | 70,121 | 6 | 11 | 12 | 9 | 18 |
| | LYNN | 9,107 | - 8.3 | 34.3 | 3,032 | 4 | 2 | 5 | 9 | 9 |
| | MC CULLOCH | 8,571 | - 3.3 | 69.2 | 3,400 | 8 | 12 | 6 | 9 | 16 |
| | MC LENNAN | 147,553 | 6.2 | 83.5 | 58,996 | 6 | 20 | 10 | 9 | 15 |
| | MC MULLEN | 1,095 | - 22.1 | 0.0 | 423 | 12 | 1 | 5 | 6 | 19 |
| | MADISON | 7,693 | 5.7 | 36.2 | 2,121 | 11 | 4 | 7 | 12 | 23 |
| | MARION | 8,517 | - 15.0 | 33.7 | 2,752 | 9 | 25 | 5 | 12 | 14 |
| | MARTIN | 4,774 | 3.1 | 0.0 | 1,696 | 6 | 2 | 7 | 7 | 10 |
| | MASON | 3,356 | - 0.8 | 0.0 | 1,327 | 5 | 3 | 5 | 7 | 14 |
| | MATAGORDA | 27,913 | - 1.4 | 55.5 | 10,046 | 10 | 13 | 7 | 10 | 12 |
| | MAVERICK | 18,093 | 17.9 | 88.2 | 5,068 | 5 | 17 | 11 | 5 | 20 |
| | MEDINA | 20,249 | 7.1 | 43.3 | 6,686 | 9 | 11 | 6 | 9 | 19 |
| | MENARD | 2,646 | - 8.8 | 0.0 | 951 | 5 | 1 | 6 | 4 | 11 |
| | MIDLAND | 65,433 | 6.5 | 92.6 | 27,495 | 5 | 6 | 7 | 12 | 11 |
| | MILAM | 20,028 | - 0.6 | 51.1 | 7,107 | 6 | 20 | 5 | 9 | 10 |
| | MILLS | 4,212 | 0.3 | 0.0 | 1,504 | 7 | 5 | 4 | 9 | 7 |
| | MITCHELL | 9,073 | - 2.1 | 60.3 | 3,447 | 6 | 6 | 8 | 6 | 17 |
| | MONTAGUE | 15,326 | 7.1 | 52.3 | 5,911 | 9 | 20 | 5 | 7 | 11 |
| | MONTGOMERY | 49,479 | 68.6 | 24.2 | 17,553 | 15 | 16 | 6 | 8 | 12 |
| | MOORE | 14,060 | - 0.7 | 69.6 | 5,678 | 6 | 19 | 7 | 6 | 12 |
| | MORRIS | 12,310 | 6.7 | 21.4 | 4,172 | 3 | 38 | 6 | 6 | 13 |
| | MOTLEY | 2,178 | - 17.3 | 0.0 | 795 | 9 | 1 | 8 | 10 | 13 |
| | NACOGDOCHES | 36,362 | 17.2 | 62.0 | 13,998 | 5 | 22 | 17 | 8 | 23 |
| | NAVARRO | 31,150 | 0.7 | 65.0 | 12,302 | 6 | 20 | 6 | 10 | 16 |
| | NEWTON | 11,657 | 3.9 | 0.0 | 3,209 | 13 | 36 | 6 | 5 | 19 |
| | NOLAN | 16,220 | - 1.3 | 73.9 | 6,256 | 4 | 15 | 6 | 10 | 12 |
| | NUECES | 237,544 | 4.2 | 94.0 | 84,879 | 8 | 11 | 7 | 10 | 19 |
| | OCHILTREE | 9,704 | - 7.1 | 79.9 | 3,828 | 6 | 3 | 6 | 10 | 9 |
| | OLDHAM | 2,258 | 12.7 | 0.0 | 827 | 7 | 0 | 8 | 8 | 20 |
| | ORANGE | 71,170 | 5.9 | 66.3 | 25,667 | 10 | 36 | 6 | 6 | 10 |
| | PALO PINTO | 28,962 | - 28.6 | 66.3 | 9,433 | 5 | 18 | 11 | 7 | 18 |
| | PANOLA | 15,894 | 3.2 | 33.9 | 5,402 | 12 | 21 | 7 | 8 | 14 |
| | PARKER | 33,888 | 1.6 | 42.7 | 12,457 | 8 | 21 | 8 | 5 | 16 |
| | PARMER | 10,509 | - 1.6 | 28.6 | 3,923 | 3 | 6 | 6 | 7 | 11 |
| | PECOS | 13,748 | 0.3 | 59.9 | 5,068 | 7 | 5 | 9 | 9 | 14 |
| | POLK | 14,457 | 28.9 | 27.1 | 4,525 | 11 | 21 | 7 | 11 | 15 |
| | POTTER | 90,511 | - 2.9 | 95.6 | 38,043 | 7 | 12 | 5 | 12 | 12 |
| | PRESIDIO | 4,842 | - 4.9 | 56.8 | 1,555 | 9 | 0 | 6 | 13 | 21 |
| | RAINS | 3,752 | 16.7 | 0.0 | 1,189 | 16 | 20 | 8 | 5 | 22 |
| | RANDALL | 53,885 | 18.9 | 90.4 | 23,315 | 5 | 7 | 11 | 7 | 18 |
| | REAGAN | 3,239 | 7.0 | 0.0 | 1,262 | 5 | 2 | 9 | 7 | 14 |
| | REAL | 2,013 | 15.4 | 0.0 | 727 | 5 | 7 | 9 | 8 | 17 |
| | RED RIVER | 14,298 | 1.6 | 23.4 | 4,549 | 9 | 26 | 6 | 7 | 23 |

| STATE AND COUNTY | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|
| TX REEVES | 16,526 | - 4.2 | 77.5 | 5,940 | 11 | 6 | 6 | 14 | 15 |
| REFUGIO | 9,494 | - 5.3 | 48.2 | 3,621 | 7 | 5 | 7 | 12 | 14 |
| ROBERTS | 967 | 7.7 | 0.0 | 328 | 4 | 14 | 7 | 4 | 8 |
| ROBERTSON | 14,389 | - 0.5 | 36.0 | 4,505 | 10 | 10 | 9 | 12 | 15 |
| ROCKWALL | 7,046 | 28.0 | 47.9 | 2,665 | 10 | 25 | 6 | 10 | 11 |
| RUNNELS | 12,108 | - 4.2 | 60.0 | 4,435 | 8 | 8 | 6 | 8 | 11 |
| RUSK | 34,102 | 7.0 | 36.8 | 12,608 | 8 | 21 | 7 | 11 | 12 |
| SABINE | 7,187 | 2.9 | 0.0 | 2,341 | 8 | 34 | 6 | 6 | 11 |
| SAN AUGUSTINE | 7,858 | 3.8 | 32.3 | 2,443 | 11 | 27 | 5 | 12 | 12 |
| SAN JACINTO | 6,702 | 26.0 | 0.0 | 1,942 | 15 | 16 | 7 | 12 | 16 |
| SAN PATRICIO | 47,288 | 5.1 | 64.5 | 15,651 | 10 | 12 | 8 | 8 | 13 |
| SAN SABA | 5,540 | 11.8 | 49.6 | 1,934 | 6 | 3 | 6 | 11 | 16 |
| SCHLEICHER | 2,277 | 13.6 | 0.0 | 960 | 7 | 2 | 7 | 8 | 17 |
| SCURRY | 15,760 | 7.1 | 71.9 | 5,864 | 7 | 6 | 8 | 9 | 13 |
| SHACKELFORD | 3,323 | 1.0 | 0.0 | 1,324 | 6 | 7 | 4 | 5 | 13 |
| SHELBY | 19,672 | 2.7 | 25.4 | 6,672 | 8 | 25 | 5 | 7 | 12 |
| SHERMAN | 3,657 | - 2.8 | 0.0 | 1,449 | 7 | 3 | 8 | 6 | 12 |
| SMITH | 97,096 | 10.6 | 61.6 | 39,753 | 6 | 24 | 6 | 9 | 12 |
| SOMERVELL | 2,793 | 9.7 | 0.0 | 1,011 | 16 | 16 | 3 | 9 | 13 |
| STARR | 17,707 | 16.7 | 32.1 | 4,280 | 6 | 3 | 19 | 5 | 27 |
| STEPHENS | 8,414 | 0.0 | 74.1 | 3,365 | 7 | 17 | 4 | 10 | 9 |
| STERLING | 1,056 | - 1.7 | 0.0 | 426 | 12 | 0 | 4 | 7 | 24 |
| STONEWALL | 2,397 | - 13.1 | 0.0 | 929 | 6 | 2 | 4 | 5 | 11 |
| SUTTON | 3,175 | 18.2 | 0.0 | 1,292 | 10 | 2 | 8 | 10 | 21 |
| SWISHER | 10,373 | - 1.1 | 55.1 | 3,861 | 5 | 3 | 6 | 8 | 11 |
| TARRANT | 715,587 | 3.2 | 96.7 | 303,820 | 6 | 31 | 6 | 7 | 12 |
| TAYLOR | 97,853 | 5.7 | 92.2 | 76,482 | 6 | 11 | 12 | 10 | 15 |
| TERRELL | 1,940 | - 3.8 | 0.0 | 646 | 3 | 0 | 11 | 10 | 13 |
| TERRY | 14,118 | - 0.3 | 68.7 | 5,131 | 5 | 3 | 6 | 10 | 13 |
| THROCKMORTON | 2,205 | - 0.8 | 0.0 | 837 | 5 | 6 | 7 | 7 | 19 |
| TITUS | 16,702 | 7.8 | 52.4 | 6,599 | 8 | 22 | 5 | 11 | 13 |
| TOM GREEN | 71,047 | 5.3 | 89.9 | 26,509 | 6 | 11 | 8 | 11 | 17 |
| TRAVIS | 295,516 | 21.6 | 89.5 | 121,608 | 8 | 8 | 15 | 10 | 34 |
| TRINITY | 7,628 | 2.5 | 29.2 | 2,503 | 10 | 19 | 9 | 7 | 21 |
| TYLER | 12,417 | 10.6 | 22.0 | 3,833 | 10 | 27 | 9 | 8 | 16 |
| UPSHUR | 20,976 | 17.2 | 25.7 | 7,162 | 7 | 27 | 12 | 8 | 10 |
| UPTON | 4,697 | - 1.9 | 58.1 | 1,804 | 5 | 2 | 8 | 6 | 22 |
| UVALDE | 17,348 | 14.6 | 62.0 | 5,980 | 8 | 5 | 9 | 10 | 18 |
| VAL VERDE | 27,471 | 15.2 | 90.4 | 7,299 | 8 | 8 | 9 | 9 | 26 |
| VAN ZANDT | 22,155 | 21.4 | 11.4 | 8,347 | 12 | 20 | 5 | 7 | 13 |
| VICTORIA | 53,766 | 8.0 | 76.9 | 20,240 | 8 | 16 | 6 | 10 | 12 |
| WALKER | 27,680 | 34.4 | 63.4 | 8,797 | 7 | 5 | 23 | 8 | 41 |
| WALLER | 14,285 | 9.9 | 28.1 | 5,034 | 6 | 9 | 21 | 10 | 31 |
| WARD | 13,019 | - 5.8 | 64.0 | 4,796 | 6 | 4 | 8 | 9 | 13 |
| WASHINGTON | 18,842 | 2.5 | 47.4 | 7,421 | 6 | 15 | 6 | 9 | 11 |
| WEBB | 72,859 | 7.2 | 96.2 | 20,360 | 6 | 6 | 9 | 9 | 21 |
| WHARTON | 36,729 | - 2.0 | 44.8 | 13,566 | 7 | 8 | 10 | 10 | 14 |
| WHEELER | 6,434 | - 5.6 | 42.5 | 2,493 | 6 | 7 | 6 | 10 | 13 |
| WICHITA | 121,563 | 1.4 | 95.6 | 43,667 | 5 | 10 | 6 | 11 | 22 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| TX | WILBARGER | 15,355 | 1.1 | 73.8 | 5,929 | 6 | 9 | 6 | 10 | 20 |
| | WILLACY | 15,570 | 2.9 | 52.5 | 4,496 | 3 | 2 | 14 | 6 | 17 |
| | WILLIAMSON | 37,305 | 29.5 | 50.2 | 14,783 | 9 | 15 | 10 | 8 | 15 |
| | WILSON | 13,041 | 6.1 | 28.4 | 4,471 | 8 | 7 | 5 | 8 | 18 |
| | WINKLER | 9,640 | - 5.7 | 80.3 | 3,856 | 7 | 3 | 8 | 6 | 14 |
| | WISE | 19,687 | 10.8 | 35.9 | 7,130 | 5 | 24 | 6 | 7 | 12 |
| | WOOD | 18,589 | 14.7 | 31.9 | 6,578 | 8 | 17 | 8 | 9 | 11 |
| | YOAKUM | 7,344 | - 1.0 | 56.4 | 2,803 | 3 | 3 | 8 | 7 | 12 |
| | YOUNG | 15,400 | 3.6 | 76.0 | 6,295 | 7 | 12 | 5 | 11 | 12 |
| | ZAPATA | 4,352 | 11.2 | 0.0 | 1,029 | 15 | 12 | 18 | 3 | 27 |
| | ZAVALA | 11,370 | 0.7 | 71.1 | 3,098 | 4 | 14 | 11 | 7 | 16 |
| UT | UTAH | 1,059,273 | 13.9 | 80.6 | 399,162 | 5 | 14 | 11 | 6 | 25 |
| | BEAVER | 3,800 | 7.4 | 0.0 | 1,451 | 8 | 5 | 7 | 8 | 15 |
| | BOX ELDER | 28,129 | 3.1 | 59.6 | 10,475 | 4 | 24 | 10 | 5 | 28 |
| | CACHE | 42,331 | 14.0 | 60.8 | 15,402 | 6 | 14 | 26 | 4 | 37 |
| | CARBON | 15,647 | 16.8 | 40.4 | 5,569 | 6 | 5 | 11 | 6 | 24 |
| | DAGGETT | 666 | 16.7 | 0.0 | 207 | 13 | 0 | 1 | 16 | 50 |
| | DAVIS | 99,028 | 14.5 | 86.1 | 33,987 | 4 | 11 | 9 | 5 | 39 |
| | DUCHESNE | 7,299 | 75.4 | 0.0 | 2,482 | 6 | 5 | 16 | 4 | 33 |
| | EMERY | 5,137 | 20.3 | 0.0 | 1,671 | 14 | 5 | 9 | 8 | 34 |
| | GARFIELD | 3,157 | 2.8 | 0.0 | 1,073 | 10 | 16 | 13 | 9 | 28 |
| | GRAND | 6,688 | - 5.8 | 76.5 | 2,437 | 6 | 3 | 6 | 10 | 16 |
| | IRON | 12,177 | 21.9 | 74.7 | 4,794 | 7 | 6 | 17 | 8 | 30 |
| | JUAB | 4,574 | 7.3 | 66.4 | 1,717 | 4 | 28 | 9 | 4 | 17 |
| | KANE | 2,421 | 37.0 | 0.0 | 885 | 8 | 13 | 4 | 12 | 23 |
| | MILLARD | 6,988 | 10.6 | 0.0 | 2,684 | 5 | 6 | 12 | 7 | 21 |
| | MORGAN | 3,983 | 11.4 | 0.0 | 1,493 | 6 | 16 | 11 | 4 | 35 |
| | PIUTE | 1,164 | 7.0 | 0.0 | 432 | 6 | 17 | 14 | 3 | 28 |
| | RICH | 1,615 | 4.6 | 0.0 | 619 | 4 | 14 | 12 | 3 | 28 |
| | SALT LAKE | 458,607 | 12.1 | 95.1 | 180,017 | 5 | 15 | 9 | 7 | 17 |
| | SAN JUAN | 9,606 | 24.6 | 0.0 | 2,686 | 13 | 4 | 13 | 5 | 38 |
| | SANPETE | 10,976 | 7.9 | 0.0 | 4,071 | 6 | 16 | 15 | 5 | 19 |
| | SEVIER | 10,103 | 14.8 | 46.0 | 3,891 | 8 | 13 | 8 | 4 | 19 |
| | SUMMIT | 5,879 | 12.1 | 0.0 | 2,239 | 8 | 8 | 8 | 9 | 23 |
| | TOOELE | 21,545 | 5.6 | 71.7 | 8,076 | 2 | 11 | 5 | 4 | 61 |
| | UINTAH | 12,684 | 36.5 | 32.7 | 4,383 | 6 | 5 | 8 | 5 | 19 |
| | UTAH | 137,776 | 22.9 | 87.6 | 48,533 | 5 | 20 | 22 | 5 | 15 |
| | WASATCH | 5,863 | 13.4 | 55.3 | 2,002 | 10 | 10 | 8 | 5 | 19 |
| | WASHINGTON | 13,669 | 32.1 | 51.8 | 4,525 | 12 | 8 | 12 | 7 | 22 |
| | WAYNE | 1,483 | 16.5 | 0.0 | 544 | 12 | 5 | 13 | 12 | 34 |
| | WEBER | 126,278 | 5.8 | 87.4 | 50,817 | 3 | 11 | 8 | 5 | 42 |
| VT | VERMONT | 444,732 | 6.1 | 32.2 | 174,802 | 7 | 23 | 11 | 8 | 15 |
| | ADDISON | 24,266 | 5.7 | 0.0 | 9,449 | 6 | 20 | 19 | 6 | 13 |
| | BENNINGTON | 29,282 | 6.0 | 27.1 | 12,015 | 7 | 32 | 8 | 10 | 11 |
| | CALEDONIA | 22,789 | 8.1 | 0.0 | 8,620 | 7 | 23 | 10 | 7 | 14 |
| | CHITTENDEN | 99,131 | 6.9 | 61.0 | 39,875 | 6 | 23 | 13 | 7 | 15 |
| | ESSEX | 5,416 | 13.4 | 0.0 | 1,676 | 4 | 39 | 9 | 1 | 18 |
| | FRANKLIN | 31,282 | 5.2 | 34.2 | 11,547 | 5 | 25 | 7 | 7 | 13 |
| | GRAND ISLE | 3,574 | 12.1 | 0.0 | 1,301 | 8 | 16 | 10 | 9 | 18 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| VT | LAMOILLE | 13,309 | 16.2 | 0.0 | 5,356 | 12 | 13 | 11 | 15 | 16 |
| | ORANGE | 17,676 | 10.4 | 0.0 | 6,840 | 9 | 19 | 10 | 7 | 15 |
| | ORLEANS | 20,153 | 6.0 | 23.1 | 7,185 | 5 | 25 | 8 | 8 | 13 |
| | RUTLAND | 52,637 | 2.9 | 36.7 | 20,560 | 7 | 25 | 9 | 8 | 13 |
| | WASHINGTON | 47,659 | 3.6 | 45.3 | 18,475 | 9 | 16 | 11 | 6 | 23 |
| | WINDHAM | 33,476 | 3.6 | 38.0 | 13,581 | 9 | 22 | 11 | 7 | 12 |
| | WINDSOR | 44,082 | 4.6 | 12.8 | 18,122 | 8 | 32 | 8 | 8 | 14 |
| VA | VIRGINA | 4,651,448 | 6.8 | 63.1 | 1,766,740 | 7 | 22 | 7 | 7 | 23 |
| | ACCOMACK | 29,004 | 7.8 | 0.0 | 11,220 | 8 | 23 | 4 | 7 | 14 |
| | ALBEMARLE | 37,780 | 23.7 | 0.0 | 14,515 | 7 | 21 | 14 | 7 | 24 |
| | ALLEGHANY | 12,461 | - 6.6 | 0.0 | 4,318 | 6 | 43 | 4 | 5 | 10 |
| | AMELIA | 7,592 | 10.8 | 0.0 | 2,812 | 11 | 25 | 7 | 11 | 15 |
| | AMHERST | 26,072 | 5.6 | 29.4 | 9,632 | 7 | 37 | 7 | 7 | 14 |
| | APPOMATTOX | 9,784 | 14.1 | 0.0 | 3,984 | 8 | 46 | 3 | 5 | 12 |
| | ARLINGTON | 174,284 | - 12.8 | 0.0 | 84,698 | 4 | 5 | 6 | 8 | 43 |
| | AUGUSTA | 44,220 | 11.1 | 0.0 | 17,662 | 9 | 38 | 5 | 5 | 14 |
| | BATH | 5,192 | 7.7 | 0.0 | 2,141 | 6 | 15 | 3 | 40 | 12 |
| | BEDFORD | 25,242 | 12.9 | 1.8 | 10,643 | 8 | 42 | 4 | 7 | 10 |
| | BLAND | 5,423 | 1.0 | 0.0 | 1,940 | 10 | 39 | 5 | 4 | 19 |
| | BOTETOURT | 18,193 | 13.2 | 0.0 | 7,158 | 9 | 28 | 5 | 5 | 10 |
| | BRUNSWICK | 16,172 | - 2.7 | 0.0 | 6,072 | 10 | 34 | 8 | 7 | 12 |
| | BUCHANAN | 32,071 | 5.1 | 0.0 | 6,637 | 5 | 6 | 7 | 4 | 12 |
| | BUCKINGHAM | 10,597 | 4.7 | 0.0 | 3,721 | 10 | 35 | 8 | 7 | 16 |
| | CAMPBELL | 34,248 | 17.0 | 25.6 | 16,309 | 7 | 46 | 5 | 6 | 10 |
| | CAROLINE | 13,925 | 14.2 | 0.0 | 4,840 | 10 | 25 | 6 | 9 | 19 |
| | CARROLL | 23,092 | 3.9 | 0.0 | 9,078 | 7 | 51 | 5 | 3 | 10 |
| | CHARLES CITY | 6,158 | 10.3 | 0.0 | 2,112 | 5 | 36 | 8 | 14 | 15 |
| | CHARLOTTE | 12,366 | 0.0 | 0.0 | 4,200 | 7 | 43 | 6 | 5 | 12 |
| | CHESTERFIELD | 77,045 | 32.4 | 53.8 | 32,013 | 8 | 28 | 8 | 5 | 22 |
| | CLARKE | 8,102 | 5.3 | 0.0 | 3,485 | 11 | 17 | 6 | 9 | 15 |
| | CRAIG | 3,524 | 9.1 | 0.0 | 1,245 | 16 | 34 | 9 | 4 | 26 |
| | CULPEPER | 18,218 | 13.7 | 33.2 | 7,111 | 15 | 14 | 5 | 10 | 18 |
| | CUMBERLAND | 6,179 | 16.2 | 0.0 | 2,130 | 8 | 25 | 8 | 10 | 16 |
| | DICKENSON | 16,077 | 11.1 | 0.0 | 3,726 | 7 | 8 | 11 | 3 | 20 |
| | DINWIDDIE | 21,668 | - 7.4 | 37.7 | 7,891 | 9 | 34 | 7 | 6 | 22 |
| | ELIZABETH CITY | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ESSEX | 7,099 | 10.7 | 0.0 | 2,738 | 16 | 21 | 5 | 8 | 13 |
| | FAIRFAX | 454,275 | 13.2 | 89.1 | 167,132 | 5 | 6 | 8 | 8 | 39 |
| | FAUQUIER | 26,375 | 8.9 | 15.3 | 10,002 | 14 | 7 | 7 | 13 | 22 |
| | FLOYD | 9,775 | 3.0 | 0.0 | 3,643 | 10 | 45 | 4 | 2 | 16 |
| | FLUVANNA | 7,621 | 17.7 | 0.0 | 2,763 | 16 | 21 | 12 | 10 | 14 |
| | FRANKLIN | 28,163 | 9.8 | 14.9 | 10,722 | 7 | 43 | 8 | 5 | 8 |
| | FREDERICK | 24,107 | 14.0 | 0.0 | 11,612 | 9 | 29 | 4 | 5 | 9 |
| | GILES | 16,741 | - 2.2 | 0.0 | 6,397 | 8 | 48 | 8 | 4 | 14 |
| | GLOUCESTER | 14,059 | 20.2 | 0.0 | 5,436 | 7 | 19 | 8 | 9 | 31 |
| | GOOCHLAND | 10,069 | 8.8 | 0.0 | 3,428 | 12 | 18 | 4 | 10 | 16 |
| | GRAYSON | 15,439 | - 1.3 | 0.0 | 6,367 | 8 | 55 | 4 | 5 | 9 |
| | GREENE | 5,248 | 24.7 | 0.0 | 2,083 | 12 | 39 | 6 | 4 | 13 |
| | GREENSVILLE | 9,604 | 2.0 | 0.0 | 3,294 | 8 | 31 | 3 | 10 | 10 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| VA | HALIFAX | 30,076 | 0.0 | 0.0 | 10,322 | 7 | 42 | 5 | 6 | 10 |
| | HANOVER | 37,479 | 23.3 | 22.1 | 15,672 | 10 | 20 | 6 | 8 | 16 |
| | HENRICO | 154,364 | 10.5 | 83.6 | 69,993 | 7 | 18 | 6 | 6 | 16 |
| | HENRY | 50,901 | 8.3 | 17.8 | 22,707 | 6 | 59 | 4 | 4 | 6 |
| | HIGHLAND | 2,529 | 3.9 | 0.0 | 907 | 9 | 24 | 9 | 4 | 20 |
| | ISLE OF WIGHT | 18,285 | 7.5 | 15.1 | 6,705 | 8 | 41 | 4 | 7 | 12 |
| | JAMES CITY | 17,853 | 9.8 | 7.8 | 6,253 | 7 | 9 | 12 | 19 | 33 |
| | KING AND QUEEN | 5,491 | 2.8 | 0.0 | 2,026 | 9 | 36 | 5 | 12 | 16 |
| | KING GEORGE | 8,039 | 12.9 | 0.0 | 2,937 | 10 | 8 | 8 | 9 | 49 |
| | KING WILLIAM | 7,497 | 6.4 | 34.7 | 2,624 | 8 | 33 | 7 | 7 | 17 |
| | LANCASTER | 9,126 | 8.5 | 0.0 | 3,526 | 7 | 19 | 6 | 11 | 11 |
| | LEE | 20,321 | 17.6 | 0.0 | 5,356 | 8 | 10 | 11 | 5 | 23 |
| | LOUDOUN | 37,150 | 31.5 | 35.4 | 14,640 | 10 | 6 | 7 | 12 | 24 |
| | LOUISA | 14,004 | 15.8 | 0.0 | 5,167 | 15 | 36 | 5 | 6 | 13 |
| | LUNENBERG | 11,687 | 4.5 | 0.0 | 4,178 | 8 | 37 | 5 | 5 | 13 |
| | MADISON | 8,638 | 15.0 | 0.0 | 3,384 | 13 | 33 | 7 | 5 | 11 |
| | MATHEWS | 7,168 | 9.8 | 0.0 | 2,825 | 6 | 13 | 8 | 11 | 24 |
| | MECKLENBURG | 29,426 | - 1.3 | 23.0 | 11,506 | 8 | 33 | 5 | 7 | 13 |
| | MIDDLESEX | 6,295 | 14.2 | 0.0 | 2,199 | 9 | 20 | 9 | 6 | 17 |
| | MONTGOMERY | 47,157 | 23.0 | 36.6 | 18,669 | 6 | 27 | 27 | 5 | 36 |
| | NANSEMOND | 0 | 0.0 | 0.0 | 0 | 8 | 0 | 5 | 8 | 22 |
| | NELSON | 11,702 | 0.0 | 0.0 | 4,057 | 12 | 36 | 5 | 7 | 13 |
| | NEW KENT | 5,300 | 35.9 | 0.0 | 2,076 | 10 | 27 | 4 | 14 | 20 |
| | NORFOLK | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | NORTHAMPTON | 14,442 | 5.7 | 0.0 | 5,924 | 4 | 14 | 5 | 11 | 10 |
| | NORTHUMBERLAND | 9,239 | 1.6 | 0.0 | 3,289 | 7 | 24 | 6 | 11 | 13 |
| | NOTTOWAY | 14,260 | - 1.9 | 23.9 | 5,273 | 5 | 20 | 7 | 8 | 22 |
| | ORANGE | 13,792 | 10.9 | 18.8 | 5,604 | 12 | 32 | 4 | 10 | 9 |
| | PAGE | 16,581 | 10.4 | 22.9 | 6,450 | 16 | 35 | 4 | 6 | 10 |
| | PATRICK | 15,282 | 4.5 | 0.0 | 6,501 | 6 | 57 | 3 | 4 | 7 |
| | PITTSYLVANIA | 58,789 | 6.5 | 0.0 | 23,047 | 6 | 49 | 5 | 5 | 8 |
| | POWHATAN | 7,696 | 38.0 | 0.0 | 2,521 | 9 | 18 | 9 | 10 | 24 |
| | PRINCE EDWARD | 14,379 | 10.1 | 29.5 | 5,671 | 8 | 22 | 17 | 6 | 19 |
| | PRINCE GEORGE | 24,371 | - 23.2 | 42.8 | 6,139 | 7 | 28 | 5 | 8 | 23 |
| | PRINCE WILLIAM | 93,509 | 32.8 | 65.4 | 28,519 | 13 | 8 | 9 | 8 | 33 |
| | PRINCESS ANNE | 0 | 0.0 | 0.0 | 0 | 0 | 0 | [illegible] | 0 | 0 |
| | PULASKI | 29,564 | 10.3 | 34.6 | 12,302 | 6 | 49 | 4 | 5 | 11 |
| | RAPPAHANNOCK | 5,199 | 6.3 | 0.0 | 1,904 | 14 | 20 | 7 | 10 | 20 |
| | RICHMOND | 6,504 | - 3.9 | 0.0 | 2,217 | 10 | 25 | 4 | 8 | 13 |
| | ROANOKE | 53,817 | 16.5 | 63.5 | 28,248 | 6 | 21 | 6 | 6 | 12 |
| | ROCKBRIDGE | 16,637 | 0.3 | 0.0 | 6,666 | 9 | 38 | 9 | 7 | 13 |
| | ROCKINGHAM | 47,890 | 9.7 | 6.2 | 20,804 | 8 | 34 | 9 | 6 | 9 |
| | RUSSELL | 24,533 | 5.2 | 0.0 | 7,738 | 8 | 18 | 7 | 3 | 14 |
| | SCOTT | 24,376 | 2.1 | 0.0 | 7,698 | 13 | 37 | 6 | 5 | 14 |
| | SHENANDOAH | 22,852 | 13.5 | 0.0 | 9,602 | 9 | 39 | 5 | 5 | 9 |
| | SMYTH | 31,349 | 3.3 | 32.6 | 12,183 | 7 | 44 | 5 | 4 | 16 |
| | SOUTHAMPTON | 18,582 | - 3.1 | 0.0 | 6,312 | 9 | 27 | 5 | 9 | 14 |
| | SPOTSYLVANIA | 16,424 | 40.5 | 0.0 | 6,161 | 14 | 23 | 4 | 9 | 19 |
| | STAFFORD | 24,587 | 25.0 | 0.0 | 8,399 | 15 | 13 | 5 | 8 | 30 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| VA | SURRY | 5,882 | - 5.6 | 0.0 | 2,191 | 10 | 27 | 6 | 8 | 14 |
| | SUSSEX | 11,464 | - 3.4 | 0.0 | 4,131 | 6 | 27 | 8 | 10 | 17 |
| | TAZEWELL | 39,816 | 12.6 | 35.6 | 12,446 | 6 | 18 | 5 | 6 | 10 |
| | WARREN | 15,301 | 21.0 | 55.8 | 6,373 | 13 | 30 | 5 | 5 | 12 |
| | WARWICK | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | WASHINGTON | 36,033 | 9.2 | 11.7 | 14,734 | 8 | 30 | 7 | 6 | 15 |
| | WESTMORELAND | 12,142 | 8.5 | 0.0 | 4,252 | 12 | 20 | 6 | 10 | 23 |
| | WISE | 35,947 | 14.1 | 19.6 | 10,570 | 7 | 8 | 10 | 7 | 17 |
| | WYTHE | 22,139 | 5.3 | 26.5 | 8,713 | 12 | 33 | 5 | 6 | 15 |
| | YORK | 27,762 | 9.2 | 23.4 | 8,589 | 8 | 16 | 9 | 6 | 38 |
| | ALEXANDRIA CITY | 110,927 | - 3.2 | 0.0 | 52,811 | 5 | 6 | 6 | 9 | 38 |
| | BEDFORD CITY | 6,011 | 11.2 | 0.0 | 2,508 | 3 | 41 | 7 | 8 | 13 |
| | BRISTOL CITY | 19,659 | 3.9 | 0.0 | 5,597 | 7 | 30 | 7 | 8 | 9 |
| | BUENA VISTA CITY | 6,425 | 5.4 | 0.0 | 2,713 | 5 | 52 | 8 | 6 | 7 |
| | CHARLOTTESVILLE CITY | 38,880 | 3.9 | 0.0 | 17,539 | 5 | 12 | 17 | 8 | 35 |
| | CHESAPEAKE CITY | 89,580 | 15.9 | 92.2 | 32,088 | 9 | 22 | 6 | 7 | 28 |
| | CLIFTON FORGE CITY | 5,501 | - 5.7 | 0.0 | 2,174 | 3 | 17 | 9 | 7 | 13 |
| | COLONIAL HEIGHTS CITY | 15,097 | 13.9 | 0.0 | 6,492 | 5 | 25 | 5 | 5 | 25 |
| | COVINGTON CITY | 10,060 | - 6.4 | 0.0 | 3,894 | 5 | 49 | 5 | 6 | 8 |
| | DANVILLE CITY | 46,391 | - 0.9 | 0.0 | 20,857 | 5 | 41 | 6 | 8 | 11 |
| | EMPORIA CITY | 5,300 | 6.1 | 0.0 | 2,192 | 8 | 26 | 8 | 10 | 15 |
| | FAIRFAX CITY | 22,727 | - 6.7 | 0.0 | 8,641 | 7 | 5 | 9 | 7 | 38 |
| | FALLS CHURCH CITY | 10,772 | - 7.6 | 0.0 | 4,813 | 5 | 5 | 7 | 9 | 36 |
| | FRANKLIN CITY | 6,880 | 8.2 | 0.0 | 2,890 | 5 | 36 | 5 | 13 | 10 |
| | FREDERICKSBURG CITY | 14,450 | 18.4 | 0.0 | 6,221 | 7 | 15 | 16 | 8 | 29 |
| | GALAX CITY | 6,278 | 4.3 | 0.0 | 2,805 | 4 | 54 | 4 | 6 | 7 |
| | HAMPTON CITY | 120,779 | 7.0 | 0.0 | 41,686 | 6 | 23 | 9 | 7 | 28 |
| | HARRISONBURG CITY | 14,605 | 25.1 | 0.0 | 6,200 | 6 | 21 | 17 | 7 | 22 |
| | HOPEWELL CITY | 23,471 | - 0.6 | 0.0 | 9,158 | 5 | 42 | 5 | 5 | 17 |
| | LEXINGTON CITY | 7,597 | - 7.6 | 0.0 | 2,707 | 5 | 11 | 32 | 10 | 24 |
| | LYNCHBURG CITY | 64,640 | - 2.2 | 0.0 | 23,233 | 5 | 33 | 9 | 8 | 12 |
| | MANASSES CITY | 10,758 | 6.4 | 0.0 | 3,619 | 0 | 9 | 0 | 0 | 0 |
| | MANASSES PARK CITY | 6,844 | 35.7 | 0.0 | 2,200 | 0 | 8 | 0 | 0 | 0 |
| | MARTINSVILLE CITY | 19,653 | - 6.3 | 0.0 | 8,846 | 5 | 47 | 5 | 7 | 8 |
| | NEWPORT NEWS CITY | 138,177 | 0.0 | 0.0 | 47,084 | 5 | 28 | 7 | 7 | 23 |
| | NORFOLK CITY | 307,951 | - 7.3 | 0.0 | 89,741 | 7 | 10 | 7 | 10 | 29 |
| | NORTON CITY | 4,172 | 3.0 | 0.0 | 1,351 | 7 | 10 | 8 | 8 | 14 |
| | PETERSBURG CITY | 44,202 | 1.7 | 0.0 | 14,005 | 4 | 28 | 7 | 10 | 27 |
| | POQUOSON CITY | 5,441 | 27.2 | 0.0 | 2,013 | 0 | 20 | 0 | 0 | 0 |
| | PORTSMOUTH CITY | 110,963 | - 2.7 | 0.0 | 40,834 | 7 | 25 | 6 | 8 | 33 |
| | RADFORD CITY | 11,596 | - 0.4 | 0.0 | 4,524 | 3 | 34 | 22 | 5 | 30 |
| | RICHMOND CITY | 249,431 | - 8.9 | 0.0 | 107,329 | 6 | 20 | 8 | 9 | 21 |
| | ROANOKE CITY | 105,637 | - 3.2 | 0.0 | 39,790 | 5 | 19 | 6 | 10 | 12 |
| | SALEM CITY | 21,982 | 4.4 | 0.0 | 8,910 | 8 | 26 | 7 | 6 | 16 |
| | SOUTH BOSTON CITY | 6,889 | - 3.6 | 0.0 | 3,009 | 6 | 39 | 10 | 8 | 14 |
| | SOUTH NORFOLK CITY | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | STAUNTON CITY | 24,504 | - 6.5 | 0.0 | 10,611 | 4 | 24 | 11 | 8 | 19 |
| | SUFFOLK CITY | 45,024 | 5.4 | 0.0 | 17,691 | 10 | 31 | 5 | 7 | 19 |
| | VIRGINIA BEACH CITY | 172,106 | 26.5 | 96.9 | 50,076 | 8 | 8 | 8 | 9 | 27 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URP 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| VA | WARWICK CITY | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | WAYNESBORO CITY | 16,707 | 0.2 | 0.0 | 7,464 | 4 | 47 | 6 | 6 | 9 |
| | WILLIAMSBURG CITY | 9,069 | 17.0 | 0.0 | 3,725 | 1 | 4 | 29 | 16 | 42 |
| | WINCHESTER CITY | 19,429 | 9.6 | 0.0 | 6,509 | 6 | 23 | 5 | 9 | 10 |
| WA | WASHINGTON | 3,413,244 | 3.9 | 72.6 | 1,338,513 | 6 | 21 | 9 | 7 | 19 |
| | ADAMS | 12,014 | 8.1 | 34.3 | 4,931 | 4 | 14 | 6 | 4 | 17 |
| | ASOTIN | 13,799 | 7.3 | 74.8 | 5,133 | 7 | 20 | 8 | 8 | 12 |
| | BENTON | 67,540 | 12.2 | 65.8 | 27,149 | 6 | 18 | 7 | 19 | 13 |
| | CHELAN | 41,103 | - 1.8 | 40.9 | 17,191 | 6 | 13 | 7 | 6 | 16 |
| | CLALLAM | 34,770 | 17.7 | 47.0 | 12,580 | 6 | 29 | 6 | 6 | 17 |
| | CLARK | 128,454 | 19.2 | 64.0 | 50,371 | 7 | 28 | 7 | 5 | 16 |
| | COLUMBIA | 4,439 | 3.8 | 57.8 | 1,868 | 6 | 19 | 4 | 4 | 17 |
| | COWLITZ | 68,616 | 4.0 | 56.3 | 25,986 | 5 | 41 | 6 | 5 | 12 |
| | DOUGLAS | 16,787 | 13.4 | 0.0 | 6,896 | 8 | 11 | 6 | 5 | 19 |
| | FERRY | 3,655 | 22.2 | 0.0 | 1,465 | 7 | 12 | 9 | 6 | 41 |
| | FRANKLIN | 25,816 | 2.8 | 68.5 | 10,642 | 7 | 10 | 10 | 8 | 18 |
| | GARFIELD | 2,911 | - 2.2 | 0.0 | 1,041 | 12 | 0 | 3 | 10 | 20 |
| | GRANT | 41,861 | 8.1 | 51.1 | 16,435 | 6 | 13 | 8 | 5 | 23 |
| | GRAYS HARBOR | 59,553 | 1.9 | 58.0 | 22,811 | 5 | 34 | 7 | 7 | 15 |
| | ISLAND | 27,011 | 23.0 | 33.9 | 7,124 | 7 | 10 | 9 | 7 | 30 |
| | JEFFERSON | 10,661 | 11.0 | 48.4 | 3,902 | 7 | 28 | 6 | 4 | 24 |
| | KING | 1,159,369 | - 0.9 | 92.4 | 502,233 | 5 | 23 | 9 | 7 | 16 |
| | KITSAP | 101,732 | 14.6 | 44.2 | 36,549 | 4 | 32 | 6 | 6 | 47 |
| | KITTITAS | 25,039 | 1.5 | 54.2 | 9,900 | 6 | 5 | 26 | 7 | 35 |
| | KLICKITAT | 12,138 | 10.9 | 0.0 | 4,721 | 6 | 27 | 7 | 4 | 19 |
| | LEWIS | 45,467 | 7.5 | 34.7 | 16,375 | 8 | 27 | 7 | 6 | 16 |
| | LINCOLN | 9,572 | 1.0 | 0.0 | 3,731 | 6 | 7 | 9 | 7 | 19 |
| | MASON | 20,918 | 12.8 | 31.1 | 7,210 | 5 | 34 | 6 | 6 | 28 |
| | OKANOGAN | 25,867 | 6.8 | 16.1 | 10,082 | 7 | 11 | 6 | 5 | 22 |
| | PACIFIC | 15,796 | 2.1 | 20.1 | 5,885 | 4 | 34 | 5 | 7 | 17 |
| | PEND OREILLE | 6,025 | 25.0 | 0.0 | 2,053 | 5 | 22 | 8 | 4 | 26 |
| | PIERCE | 412,344 | - 0.6 | 82.5 | 135,915 | 6 | 19 | 9 | 6 | 21 |
| | SAN JUAN | 3,856 | 40.5 | 0.0 | 1,263 | 17 | 6 | 8 | 17 | 23 |
| | SKAGIT | 52,381 | 4.6 | 46.5 | 19,758 | 6 | 23 | 7 | 6 | 19 |
| | SKAMANIA | 5,845 | - 1.8 | 0.0 | 2,016 | 8 | 35 | 9 | 3 | 33 |
| | SNOHOMISH | 265,236 | - 1.0 | 71.7 | 104,173 | 8 | 27 | 7 | 6 | 14 |
| | SPOKANE | 287,487 | 6.1 | 85.7 | 107,328 | 5 | 12 | 9 | 9 | 16 |
| | STEVENS | 17,405 | 29.1 | 21.5 | 5,625 | 6 | 19 | 7 | 6 | 22 |
| | THURSTON | 76,894 | 21.2 | 54.1 | 30,434 | 9 | 13 | 8 | 6 | 37 |
| | WAHKIAKUM | 3,592 | 4.3 | 0.0 | 1,259 | 3 | 43 | 3 | 2 | 9 |
| | WALLA WALLA | 42,176 | 0.9 | 73.2 | 16,840 | 8 | 9 | 16 | 7 | 24 |
| | WHATCOM | 81,983 | 10.5 | 51.4 | 30,806 | 6 | 18 | 13 | 6 | 19 |
| | WHITMAN | 37,900 | 10.6 | 61.1 | 14,281 | 3 | 3 | 37 | 5 | 42 |
| | YAKIMA | 145,212 | 5.9 | 51.2 | 54,551 | 5 | 13 | 8 | 7 | 15 |
| WV | WEST VIRGINIA | 1,744,237 | 3.4 | 39.0 | 579,316 | 7 | 23 | 8 | 6 | 16 |
| | BARBOUR | 14,030 | 12.4 | 21.4 | 4,458 | 8 | 11 | 13 | 5 | 12 |
| | BERKELEY | 36,356 | 10.6 | 40.2 | 14,091 | 7 | 32 | 4 | 6 | 16 |
| | BOONE | 25,118 | 9.1 | 0.0 | 6,686 | 5 | 7 | 8 | 4 | 16 |
| | BRAXTON | 12,666 | 3.1 | 0.0 | 3,162 | 19 | 14 | 10 | 6 | 24 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| WV | BROOKE | 30,443 | 0.8 | 49.9 | 11,017 | 4 | 46 | 9 | 4 | 10 |
| | CABELL | 106,918 | -2.3 | 67.0 | 39,788 | 6 | 26 | 8 | 7 | 15 |
| | CALHOUN | 7,046 | 8.3 | 0.0 | 1,877 | 12 | 28 | 7 | 5 | 34 |
| | CLAY | 9,330 | 2.5 | 0.0 | 1,968 | 7 | 20 | 10 | 5 | 21 |
| | DODDRIDGE | 6,389 | 4.0 | 0.0 | 1,904 | 14 | 22 | 8 | 4 | 17 |
| | FAYETTE | 49,332 | 6.1 | 13.5 | 12,553 | 5 | 15 | 10 | 6 | 18 |
| | GILMER | 7,782 | 1.9 | 0.0 | 2,357 | 5 | 15 | 25 | 5 | 42 |
| | GRANT | 8,607 | 0.0 | 0.0 | 2,953 | 9 | 29 | 5 | 5 | 12 |
| | GREENBRIER | 32,090 | 2.9 | 0.0 | 10,620 | 9 | 13 | 7 | 16 | 16 |
| | HAMPSHIRE | 11,710 | 10.0 | 0.0 | 4,273 | 7 | 24 | 10 | 5 | 20 |
| | HANCOCK | 39,749 | 1.7 | 65.6 | 14,599 | 3 | 55 | 5 | 4 | 8 |
| | HARDY | 8,855 | 4.1 | 0.0 | 3,178 | 11 | 30 | 6 | 4 | 15 |
| | HARRISON | 73,028 | 3.6 | 47.7 | 25,844 | 6 | 23 | 5 | 7 | 11 |
| | JACKSON | 20,903 | 5.9 | 35.1 | 6,780 | 11 | 38 | 8 | 5 | 16 |
| | JEFFERSON | 21,280 | 14.8 | 14.1 | 8,410 | 9 | 20 | 10 | 7 | 20 |
| | KANAWHA | 229,515 | -1.2 | 68.5 | 85,642 | 8 | 19 | 6 | 7 | 16 |
| | LEWIS | 17,847 | 2.6 | 41.7 | 5,534 | 7 | 22 | 5 | 5 | 24 |
| | LINCOLN | 18,912 | 6.5 | 0.0 | 4,554 | 14 | 22 | 9 | 5 | 16 |
| | LOGAN | 46,269 | -0.2 | 15.2 | 12,160 | 4 | 7 | 8 | 7 | 15 |
| | MC DOWELL | 50,666 | 1.1 | 6.0 | 11,971 | 2 | 4 | 9 | 4 | 16 |
| | MARION | 61,356 | 3.3 | 46.7 | 21,937 | 5 | 26 | 7 | 7 | 13 |
| | MARSHALL | 37,598 | 5.6 | 50.7 | 13,885 | 6 | 36 | 4 | 4 | 10 |
| | MASON | 24,306 | 3.4 | 25.2 | 7,576 | 9 | 28 | 6 | 5 | 16 |
| | MERCER | 63,206 | 5.0 | 36.7 | 21,288 | 6 | 14 | 10 | 9 | 18 |
| | MINERAL | 23,109 | 7.2 | 28.5 | 7,809 | 8 | 32 | 7 | 6 | 14 |
| | MINGO | 32,780 | 3.5 | 17.8 | 7,365 | 4 | 6 | 11 | 5 | 17 |
| | MONONGALIA | 63,714 | 7.0 | 54.1 | 22,907 | 6 | 11 | 25 | 7 | 37 |
| | MONROE | 11,272 | 5.2 | 0.0 | 3,445 | 10 | 30 | 8 | 7 | 21 |
| | MORGAN | 8,547 | 4.2 | 0.0 | 2,972 | 8 | 26 | 6 | 7 | 16 |
| | NICHOLAS | 22,552 | 8.7 | 16.5 | 6,573 | 6 | 12 | 7 | 4 | 14 |
| | OHIO | 63,439 | -4.2 | 86.2 | 25,235 | 5 | 21 | 8 | 9 | 12 |
| | PENDLETON | 7,031 | 5.5 | 0.0 | 2,095 | 17 | 27 | 5 | 4 | 24 |
| | PLEASANTS | 7,274 | 6.4 | 0.0 | 2,331 | 10 | 33 | 10 | 3 | 27 |
| | POCAHONTAS | 8,870 | -2.7 | 0.0 | 2,552 | 9 | 23 | 6 | 3 | 34 |
| | PRESTON | 25,455 | 5.0 | 10.0 | 7,915 | 8 | 23 | 8 | 4 | 19 |
| | PUTNAM | 27,625 | 10.1 | 17.5 | 9,013 | 13 | 31 | 6 | 5 | 14 |
| | RALEIGH | 70,080 | 9.3 | 28.4 | 20,327 | 5 | 7 | 7 | 6 | 15 |
| | RANDOLPH | 24,596 | 5.2 | 34.0 | 8,152 | 7 | 18 | 7 | 4 | 17 |
| | RITCHIE | 10,145 | 1.1 | 0.0 | 3,164 | 13 | 36 | 6 | 3 | 12 |
| | ROANE | 14,111 | 4.6 | 0.0 | 3,910 | 10 | 24 | 7 | 6 | 22 |
| | SUMMERS | 13,213 | 1.1 | 34.1 | 3,501 | 5 | 8 | 7 | 5 | 19 |
| | TAYLOR | 13,878 | 10.0 | 46.4 | 4,599 | 5 | 21 | 7 | 7 | 17 |
| | TUCKER | 7,447 | 2.4 | 0.0 | 2,411 | 8 | 31 | 8 | 5 | 28 |
| | TYLER | 9,929 | 1.1 | 10.8 | 3,035 | 8 | 44 | 5 | 5 | 15 |
| | UPSHUR | 19,092 | 11.5 | 38.5 | 6,158 | 7 | 21 | 14 | 6 | 16 |
| | WAYNE | 37,581 | 3.2 | 35.3 | 11,935 | 9 | 31 | 6 | 5 | 15 |
| | WEBSTER | 9,809 | 3.4 | 0.0 | 2,380 | 6 | 18 | 9 | 5 | 23 |
| | WETZEL | 20,314 | 1.6 | 44.7 | 6,425 | 8 | 43 | 5 | 6 | 11 |
| | WIRT | 4,154 | 9.0 | 0.0 | 1,285 | 10 | 41 | 7 | 4 | 19 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | EDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|---|
| WV | WOOD | 86,818 | 1.5 | 67.4 | 32,941 | 7 | 37 | 6 | 7 | 13 |
| | WYOMING | 30,095 | 7.3 | 10.0 | 7,816 | 4 | 7 | 7 | 4 | 14 |
| WI | WISCONSIN | 4,417,821 | 4.2 | 65.9 | 1,774,008 | 5 | 31 | 8 | 5 | 14 |
| | ADAMS | 9,234 | 25.2 | 0.0 | 3,141 | 11 | 24 | 5 | 5 | 17 |
| | ASHLAND | 16,743 | - 0.4 | 57.8 | 6,204 | 4 | 23 | 10 | 5 | 15 |
| | BARRON | 33,955 | 10.4 | 21.4 | 12,508 | 6 | 21 | 8 | 6 | 12 |
| | BAYFIELD | 11,683 | 5.8 | 0.0 | 4,064 | 9 | 22 | 8 | 6 | 22 |
| | BROWN | 158,244 | 8.9 | 81.6 | 59,613 | 5 | 27 | 7 | 6 | 11 |
| | BUFFALO | 13,743 | 2.7 | 0.0 | 5,130 | 7 | 16 | 8 | 5 | 12 |
| | BURNETT | 9,276 | 14.4 | 0.0 | 3,275 | 8 | 21 | 8 | 6 | 16 |
| | CALUMET | 27,604 | 5.2 | 44.5 | 10,404 | 4 | 42 | 5 | 4 | 8 |
| | CHIPPEWA | 47,717 | 4.0 | 34.4 | 16,763 | 5 | 29 | 6 | 4 | 17 |
| | CLARK | 30,361 | 5.9 | 9.1 | 11,133 | 4 | 22 | 6 | 4 | 10 |
| | COLUMBIA | 40,150 | 5.6 | 29.1 | 16,214 | 6 | 24 | 7 | 6 | 14 |
| | CRAWFORD | 15,252 | 5.7 | 36.3 | 5,871 | 7 | 12 | 10 | 5 | 13 |
| | DANE | 290,272 | 6.7 | 77.2 | 126,911 | 5 | 12 | 18 | 6 | 33 |
| | DODGE | 69,004 | 5.5 | 45.8 | 27,083 | 4 | 36 | 5 | 3 | 11 |
| | DOOR | 20,106 | 13.1 | 33.8 | 7,497 | 8 | 27 | 6 | 5 | 12 |
| | DOUGLAS | 44,657 | - 0.3 | 73.3 | 16,891 | 5 | 14 | 10 | 5 | 19 |
| | DUNN | 28,991 | 10.4 | 38.7 | 11,319 | 5 | 15 | 17 | 5 | 23 |
| | EAU CLAIRE | 67,219 | 7.8 | 69.2 | 27,989 | 5 | 22 | 10 | 6 | 17 |
| | FLORENCE | 3,298 | 6.2 | 0.0 | 1,071 | 6 | 26 | 8 | 4 | 16 |
| | FOND DU LAC | 84,567 | 4.3 | 57.2 | 33,971 | 4 | 32 | 7 | 5 | 9 |
| | FOREST | 7,691 | 12.7 | 0.0 | 2,389 | 3 | 32 | 8 | 6 | 18 |
| | GRANT | 48,398 | 1.9 | 33.0 | 17,765 | 5 | 17 | 13 | 5 | 19 |
| | GREEN | 26,714 | 6.0 | 41.8 | 11,323 | 5 | 22 | 6 | 4 | 11 |
| | GREEN LAKE | 16,878 | 3.3 | 31.4 | 6,767 | 7 | 29 | 5 | 5 | 9 |
| | IOWA | 19,306 | - 1.3 | 17.2 | 7,265 | 9 | 12 | 7 | 5 | 13 |
| | IRON | 6,533 | - 0.5 | 0.0 | 2,247 | 6 | 21 | 7 | 5 | 21 |
| | JACKSON | 15,325 | 3.1 | 21.4 | 5,938 | 6 | 15 | 5 | 3 | 18 |
| | JEFFERSON | 60,060 | 6.7 | 52.3 | 24,409 | 4 | 35 | 8 | 4 | 11 |
| | JUNEAU | 18,455 | 3.6 | 18.1 | 6,627 | 6 | 24 | 8 | 5 | 17 |
| | KENOSHA | 117,917 | 4.4 | 71.4 | 47,171 | 4 | 42 | 7 | 4 | 11 |
| | KEWAUNEE | 18,961 | 5.5 | 36.4 | 7,720 | 7 | 38 | 5 | 4 | 9 |
| | LA CROSSE | 80,468 | 5.7 | 74.7 | 31,816 | 5 | 25 | 9 | 6 | 13 |
| | LAFAYETTE | 17,456 | 2.3 | 0.0 | 6,488 | 5 | 14 | 7 | 5 | 15 |
| | LANGLADE | 19,220 | 3.2 | 47.0 | 6,710 | 5 | 22 | 8 | 5 | 14 |
| | LINCOLN | 23,499 | 7.6 | 54.9 | 9,006 | 6 | 34 | 7 | 5 | 13 |
| | MANITOWOC | 82,294 | 0.4 | 60.3 | 33,083 | 5 | 42 | 6 | 4 | 9 |
| | MARATHON | 97,457 | 7.5 | 49.6 | 38,307 | 4 | 30 | 6 | 5 | 9 |
| | MARINETTE | 35,810 | 3.6 | 43.4 | 12,766 | 5 | 37 | 6 | 4 | 11 |
| | MARQUETTE | 8,865 | 16.3 | 0.0 | 3,378 | 6 | 26 | 7 | 7 | 14 |
| | MENOMINEE | 2,607 | 8.6 | 0.0 | 633 | 9 | 42 | 11 | 3 | 30 |
| | MILWAUKEE | 1,054,249 | - 2.0 | 0.0 | 454,085 | 3 | 34 | 6 | 6 | 12 |
| | MONROE | 31,610 | 4.5 | 37.6 | 11,861 | 5 | 11 | 6 | 5 | 26 |
| | OCONTO | 25,553 | 5.4 | 26.1 | 8,650 | 5 | 32 | 5 | 4 | 12 |
| | ONEIDA | 24,427 | 16.3 | 33.6 | 8,918 | 7 | 25 | 6 | 7 | 15 |
| | OUTAGAMIE | 119,398 | 4.5 | 68.5 | 44,891 | 6 | 34 | 8 | 5 | 8 |
| | OZAUKEE | 54,461 | 16.7 | 67.3 | 22,105 | 5 | 41 | 7 | 4 | 10 |

| STATE AND COUNTY | | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CONS | MFG | EDU | SVC | GOV |
| WI | PEPIN | 7,319 | 4.3 | 0.0 | 2,531 | 9 | 13 | 9 | 3 | 14 |
| | PIERCE | 26,652 | 11.3 | 23.4 | 10,328 | 5 | 23 | 13 | 5 | 19 |
| | POLK | 26,666 | 11.6 | 0.0 | 10,240 | 7 | 23 | 7 | 5 | 13 |
| | PORTAGE | 47,541 | 11.1 | 49.4 | 18,326 | 5 | 19 | 13 | 4 | 17 |
| | PRICE | 14,520 | 7.8 | 19.9 | 4,829 | 6 | 30 | 7 | 5 | 17 |
| | RACINE | 170,838 | 2.9 | 75.9 | 68,255 | 3 | 44 | 7 | 5 | 11 |
| | RICHLAND | 17,079 | -4.0 | 29.8 | 6,538 | 6 | 20 | 6 | 5 | 16 |
| | ROCK | 131,970 | 1.9 | 74.8 | 52,758 | 4 | 41 | 7 | 5 | 10 |
| | RUSK | 14,238 | 6.7 | 26.1 | 4,838 | 4 | 18 | 10 | 5 | 14 |
| | ST CROIX | 34,354 | 13.9 | 28.6 | 13,176 | 6 | 25 | 7 | 6 | 12 |
| | SAUK | 39,057 | 3.4 | 32.0 | 15,523 | 8 | 28 | 5 | 5 | 12 |
| | SAWYER | 9,670 | 19.6 | 0.0 | 2,913 | 7 | 12 | 10 | 10 | 22 |
| | SHAWANO | 32,650 | 5.5 | 19.9 | 11,788 | 5 | 27 | 6 | 5 | 9 |
| | SHEBOYGAN | 96,660 | 3.0 | 61.0 | 40,198 | 4 | 41 | 6 | 4 | 9 |
| | TAYLOR | 16,958 | 7.7 | 20.4 | 5,843 | 4 | 20 | 8 | 4 | 13 |
| | TREMPEALEAU | 23,344 | 1.9 | 0.0 | 8,644 | 6 | 21 | 6 | 5 | 11 |
| | VERNON | 24,557 | 3.8 | 15.2 | 9,389 | 5 | 14 | 6 | 5 | 13 |
| | VILAS | 10,958 | 22.7 | 0.0 | 3,645 | 12 | 18 | 5 | 9 | 16 |
| | WALWORTH | 63,444 | 3.8 | 38.7 | 26,345 | 6 | 29 | 11 | 8 | 15 |
| | WASHBURN | 10,601 | 15.8 | 0.0 | 3,779 | 5 | 16 | 7 | 7 | 22 |
| | WASHINGTON | 63,839 | 19.8 | 47.0 | 25,727 | 6 | 41 | 6 | 4 | 9 |
| | WAUKESHA | 231,335 | 9.6 | 80.2 | 92,390 | 6 | 33 | 6 | 5 | 10 |
| | WAUPACA | 37,780 | 8.8 | 35.4 | 13,828 | 6 | 28 | 6 | 5 | 14 |
| | WAUSHARA | 14,795 | 8.2 | 0.3 | 5,396 | 7 | 27 | 6 | 5 | 12 |
| | WINNEBAGO | 129,946 | 1.1 | 77.7 | 52,675 | 4 | 36 | 8 | 5 | 14 |
| | WOOD | 65,362 | 3.9 | 52.2 | 24,716 | 4 | 34 | 6 | 5 | 11 |
| WY | WYOMING | 332,416 | 12.6 | 60.4 | 129,577 | 6 | 6 | 10 | 8 | 21 |
| | ALBANY | 26,431 | 2.7 | 87.1 | 10,469 | 4 | 5 | 32 | 8 | 42 |
| | BIG HORN | 10,202 | 7.9 | 0.0 | 3,916 | 8 | 8 | 10 | 6 | 20 |
| | CAMPBELL | 12,957 | -2.4 | 55.5 | 4,933 | 5 | 3 | 5 | 9 | 8 |
| | CARBON | 13,354 | 25.1 | 59.1 | 5,286 | 5 | 7 | 6 | 10 | 19 |
| | CONVERSE | 5,938 | 34.7 | 40.9 | 2,261 | 9 | 2 | 8 | 7 | 16 |
| | CROOK | 4,535 | 7.2 | 0.0 | 1,645 | 10 | 4 | 10 | 4 | 18 |
| | FREMONT | 28,352 | 9.3 | 53.2 | 10,748 | 8 | 6 | 10 | 6 | 20 |
| | GOSHEN | 10,885 | 7.5 | 39.0 | 4,204 | 6 | 7 | 9 | 5 | 17 |
| | HOT SPRINGS | 4,952 | -3.0 | 62.3 | 1,852 | 7 | 4 | 7 | 7 | 22 |
| | JOHNSON | 5,587 | 0.3 | 62.6 | 2,240 | 12 | 3 | 8 | 10 | 15 |
| | LARAMIE | 56,360 | 12.5 | 80.3 | 20,219 | 7 | 6 | 9 | 9 | 28 |
| | LINCOLN | 8,640 | 13.1 | 0.0 | 3,130 | 8 | 10 | 10 | 7 | 20 |
| | NATRONA | 51,264 | 6.5 | 77.0 | 21,415 | 6 | 7 | 8 | 9 | 17 |
| | NIOBRARA | 2,924 | -2.3 | 0.0 | 1,160 | 6 | 2 | 7 | 9 | 15 |
| | PARK | 17,752 | 4.9 | 56.0 | 7,104 | 5 | 8 | 10 | 8 | 19 |
| | PLATTE | 6,486 | 10.3 | 0.0 | 2,720 | 7 | 4 | 6 | 5 | 14 |
| | SHERIDAN | 17,852 | 11.7 | 60.8 | 6,957 | 6 | 4 | 9 | 10 | 23 |
| | SUBLETTE | 3,755 | 6.7 | 0.0 | 1,543 | 6 | 3 | 8 | 10 | 17 |
| | SWEETWATER | 18,391 | 66.8 | 87.1 | 7,304 | 7 | 8 | 6 | 9 | 14 |
| | TETON | 4,823 | 31.6 | 0.0 | 2,237 | 9 | 5 | 6 | 17 | 22 |
| | UINTA | 7,100 | 26.8 | 62.2 | 2,773 | 5 | 2 | 9 | 9 | 30 |
| | WASHAKIE | 7,569 | 6.2 | 68.0 | 3,080 | 5 | 8 | 8 | 7 | 16 |

| STATE AND COUNTY | 1970 POPULATION | PCT CHG 1975 | PCT URB 1970 | CIVILIAN LABOR FORCE | EMPLOYMENT PCT DISTRIBUTION CONS | MFG | GDU | SVC | GOV |
|---|---|---|---|---|---|---|---|---|---|
| WY WESTON | 6,307 | - 0.9 | 52.4 | 2,381 | 5 | 3 | 5 | 9 | 17 |
| YELLOWSTONE NAT. PARK | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 |

# APPENDIX H

# COUNTY TOPOGRAPHICAL AND METEOROLOGICAL PROFILES

Reproduced from
best available copy.

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| | ALABAMA | 50,708 | | | | |
| AL | AUTAUGA | 599 | TABLELANDS | 0- 300 | 6-15 | 4-500 |
| AL | BALDWIN | 1,578 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | BARBOUR | 891 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | BIBB | 625 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL | BLOUNT | 639 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL | BULLOCK | 615 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL | BUTLER | 773 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | CALHOUN | 611 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL | CHAMBERS | 597 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | CHEROKEE | 556 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL | CHILTON | 699 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL | CHOCTAW | 911 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 4-500 |
| AL | CLARKE | 1,232 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL | CLAY | 603 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| AL | CLEBURNE | 574 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| AL | COFFEE | 677 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL | COLBERT | 596 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL | CONECUH | 850 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | COOSA | 650 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 4-500 |
| AL | COVINGTON | 984 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | CRENSHAW | 611 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | CULLMAN | 730 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL | DALE | 559 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL | DALLAS | 976 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | DE KALB | 778 | TABLELANDS | 5-1000 | 6-15 | 3-400 |
| AL | ELMORE | 624 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL | ESCAMBIA | 962 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | ETOWAH | 555 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| AL | FAYETTE | 627 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL | FRANKLIN | 644 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL | GENEVA | 577 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL | GREENE | 627 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | HALE | 662 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | HENRY | 554 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL | HOUSTON | 575 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL | JACKSON | 1,079 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| AL | JEFFERSON | 1,115 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL | LAMAR | 605 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AL | LAUDERDALE | 662 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL | LAWRENCE | 685 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL | LEE | 612 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL | LIMESTONE | 546 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL | LOWNDES | 715 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | MACON | 616 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AL | MADISON | 803 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL | MARENGO | 978 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL | MARION | 743 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AL | MARSHALL | 571 | TABLELANDS | 5-1000 | 6-15 | 3-400 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| AL MOBILE | 1,240 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL MONROE | 1,032 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL MONTGOMERY | 790 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL MORGAN | 570 | PLAINS | 0- 300 | 6-15 | 4-500 |
| AL PERRY | 734 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL PICKENS | 887 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL PIKE | 673 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL RANDOLPH | 581 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| AL RUSSELL | 627 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL ST CLAIR | 640 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| AL SHELBY | 798 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL SUMTER | 915 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL TALLADEGA | 750 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL TALLAPOOSA | 704 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL TUSCALOOSA | 1,337 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL WALKER | 805 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| AL WASHINGTON | 1,066 | PLAINS | 0- 300 | 6-15 | 3-400 |
| AL WILCOX | 899 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| AL WINSTON | 615 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| ALASKA | 569,600 | | | 6-15 | 3-400 |
| AK ALEUTIAN ISLANDS | 14,563 | HILLS-MTNS | 3000+ | | INSUF |
| AK ANCHORAGE | 1,699 | HILLS-MTNS | 3000+ | | INSUF |
| AK ANGOON | 3,082 | HILLS-MTNS | 3000+ | | INSUF |
| AK BARROW | 57,587 | PLAINS-HILLS-MTNS | 5-1000 | | INSUF |
| AK BETHEL | 19,642 | PLAINS | 0- 300 | | INSUF |
| AK BRISTOL BAY BOROUGH | 531 | PLAINS | 0- 300 | | INSUF |
| AK BRISTOL BAY DIVISION | 36,836 | PLAINS | 0- 300 | | INSUF |
| AK CORDOVA-MC CARTHY | 15,481 | HILLS-MTNS | 3000+ | | INSUF |
| AK FAIRBANKS | 7,321 | HILLS-MTNS | 1-3000 | | INSUF |
| AK HAINES | 2,100 | HILLS-MTNS | 3000+ | | INSUF |
| AK JUNEAU | 2,565 | HILLS-MTNS | 3000+ | | INSUF |
| AK KENAI-COOK INLET | 12,195 | PLAINS | 0- 300 | | INSUF |
| AK KETCHIKAN | 1,745 | HILLS-MTNS | 1-3000 | | INSUF |
| AK KOBUK | 42,978 | OPEN-HILLS-MTNS | 1-3000 | | INSUF |
| AK KODIAK | 4,743 | HILLS-MTNS | 1-3000 | | INSUF |
| AK KUSKOKWIM | 55,958 | HILLS-MTNS | 1-3000 | | INSUF |
| AK MATANUSKA-SUSITNA | 24,233 | HILLS-MTNS | 1-3000 | | INSUF |
| AK NOME | 24,968 | OPEN-HILLS-MTNS | 1-3000 | | INSUF |
| AK OUTER KETCHIKAN | 7,728 | HILLS-MTNS | 3000+ | | INSUF |
| AK PRINCE OF WALES | 3,485 | HILLS-MTNS | 1-3000 | | INSUF |
| AK SEWARD | 3,727 | HILLS-MTNS | 1-3000 | | INSUF |
| AK SITKA | 2,766 | HILLS-MTNS | 3000+ | | INSUF |
| AK SKAGWAY-YAKUTAT | 9,887 | PLAINS-HILLS-MTNS | 1-3000 | | INSUF |
| AK SOUTHEAST FAIRBANKS | 17,182 | OPEN-HILLS-MTNS | 1-3000 | | INSUF |
| AK UPPER YUKON | 84,142 | OPEN-HILLS-MTNS | 1-3000 | | INSUF |
| AK VALDEZ-CHITINA-WHITTI | 18,845 | HILLS-MTNS | 3000+ | | INSUF |
| AK WADE HAMPTON | 16,777 | PLAINS | 0- 300 | | INSUF |
| AK WRANGELL-PETERSBURG | 5,810 | HILLS-MTNS | 3000+ | | INSUF |
| AK YUKON-KOYUKUK | 72,250 | OPEN-HILLS-MTNS | 1-3000 | | INSUF |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| | PRINCE OF WHALES ELD | 0 | | | | |
| | KETCHIKAN ELD | 0 | | | | |
| | WRANGELL-PETERSBURG E | 0 | | | | |
| | SITKA ELD | 0 | | | | |
| | JUNEAU ELD | 0 | | | | |
| | LYNN CANAL-ICY STRAIT | 0 | | | | |
| | CORDOVA-MCCARTHY ELD | 0 | | | | |
| | VALDEZ-CHITINA-WHITTI | 0 | | | | |
| | PALMER-WASILLA-TAKEET | 0 | | | | |
| | ANCHORAGE ELD | 0 | | | | |
| | SEWARD ELD | 0 | | | | |
| | KENAI-COOK INLET ELD | 0 | | | | |
| | KODIAK ELD | 0 | | | | |
| | ALEUTIAN ISLANDS ELD | 0 | | | | |
| | BRISTOL BAY ELD | 0 | | | | |
| | BETHEL ELD | 0 | | | | |
| | KUSKOKWIM ELD | 0 | | | | |
| | YUKON-KOYUKUK ELD | 0 | | | | |
| | FAIRBANKS ELD | 0 | | | | |
| | UPPER YUKON ELD | 0 | | | | |
| | BARROW ELD | 0 | | | | |
| | KOBUK ELD | 0 | | | | |
| | NOME ELD | 0 | | | | |
| | WADE HAMPTON ELD | 0 | | | | |
| | FIRST JD | 0 | | | | |
| | SECOND JD | 0 | | | | |
| | THIRD JD | 0 | | | | |
| | FOURTH JD | 0 | | | | |
| | ARIZONA | 113,417 | | | | |
| AZ | APACHE | 11,171 | TABLELANDS | 5-1000 | 6-15 | 500- |
| AZ | COCHISE | 6,256 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 500- |
| AZ | COCONINO | 18,540 | TABLELANDS | 1-3000 | 6-15 | 500- |
| AZ | GILA | 4,748 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 500- |
| AZ | GRAHAM | 4,618 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 500- |
| AZ | GREENLEE | 1,879 | HILLS-MTNS | 3000+ | 26-35 | 500- |
| AZ | MARICOPA | 9,155 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| AZ | MOHAVE | 13,217 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 500- |
| AZ | NAVAJO | 9,910 | TABLELANDS | 5-1000 | 16-25 | 500- |
| AZ | PIMA | 9,240 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| AZ | PINAL | 5,364 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| AZ | SANTA CRUZ | 1,246 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 500- |
| AZ | YAVAPAI | 8,091 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| AZ | YUMA | 9,983 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| | ARKANSAS | 51,945 | | | | |
| AR | ARKANSAS | 1,015 | PLAINS | 0- 300 | | 3-400 |
| AR | ASHLEY | 928 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | BAXTER | 537 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| AR | BENTON | 851 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| AR | BOONE | 586 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| AR | BRADLEY | 651 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | CALHOUN | 629 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | CARROLL | 626 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| AR | CHICOT | 643 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | CLARK | 878 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | CLAY | 639 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | CLEBURNE | 554 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | CLEVELAND | 601 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | COLUMBIA | 768 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | CONWAY | 561 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | CRAIGHEAD | 716 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | CRAWFORD | 596 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | CRITTENDEN | 608 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | CROSS | 625 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | DALLAS | 672 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | DESHA | 736 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | DREW | 832 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | FAULKNER | 641 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | FRANKLIN | 613 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | FULTON | 608 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | GARLAND | 658 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| AR | GRANT | 631 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | GREENE | 579 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | HEMPSTEAD | 726 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AR | HOT SPRING | 621 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | HOWARD | 569 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AR | INDEPENDENCE | 752 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | IZARD | 574 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | JACKSON | 629 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | JEFFERSON | 873 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | JOHNSON | 673 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | LAFAYETTE | 523 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AR | LAWRENCE | 590 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | LEE | 608 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | LINCOLN | 563 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | LITTLE RIVER | 486 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AR | LOGAN | 718 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| AR | LONOKE | 796 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | MADISON | 832 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| AR | MARION | 584 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| AR | MILLER | 623 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AR | MISSISSIPPI | 904 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | MONROE | 607 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | MONTGOMERY | 775 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| AR | NEVADA | 616 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | NEWTON | 822 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| AR | OUACHITA | 736 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | PERRY | 551 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| AR | PHILLIPS | 686 | PLAINS | 0- 300 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| AR | PIKE | 600 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | POINSETT | 762 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | POLK | 859 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| AR | POPE | 812 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | PRAIRIE | 661 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | PULASKI | 765 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | RANDOLPH | 647 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | ST FRANCIS | 635 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | SALINE | 724 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | SCOTT | 898 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| AR | SEARCY | 664 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| AR | SEBASTIAN | 527 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| AR | SEVIER | 522 | PLAINS | 0- 300 | 16-25 | 4-500 |
| AR | SHARP | 581 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | STONE | 608 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | UNION | 1,050 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | VAN BUREN | 699 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| AR | WASHINGTON | 958 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| AR | WHITE | 1,041 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | WOODRUFF | 591 | PLAINS | 0- 300 | 16-25 | 3-400 |
| AR | YELL | 929 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| | CALIFORNIA | 156,361 | | | | |
| CA | ALAMEDA | 733 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | ALPINE | 727 | HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | AMADOR | 583 | HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| CA | BUTTE | 1,645 | HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| CA | CALAVERAS | 1,024 | HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| CA | COLUSA | 1,152 | PLAINS | 0- 300 | 26-35 | 4-500 |
| CA | CONTRA COSTA | 735 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | DEL NORTE | 1,007 | HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| CA | EL DORADO | 1,715 | HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | FRESNO | 5,966 | PLAINS | 0- 300 | 26-35 | 4-500 |
| CA | GLENN | 1,314 | PLAINS | 0- 300 | 26-35 | 4-500 |
| CA | HUMBOLDT | 3,586 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| CA | IMPERIAL | 4,261 | PLAINS | 0- 300 | 26-35 | 500- |
| CA | INYO | 10,130 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 500- |
| CA | KERN | 8,152 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | KINGS | 1,396 | PLAINS | 0- 300 | 26-35 | 4-500 |
| CA | LAKE | 1,261 | HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| CA | LASSEN | 4,561 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| CA | LOS ANGELES | 4,069 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| CA | MADERA | 2,145 | HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | MARIN | 520 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | MARIPOSA | 1,453 | HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | MENDOCINO | 3,511 | HILLS-MTNS | 1-3000 | 26-35 | 3-400 |
| CA | MERCED | 1,958 | PLAINS | 0- 300 | 26-35 | 4-500 |
| CA | MODOC | 4,097 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 3-400 |
| CA | MONO | 3,027 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | MONTEREY | 3,324 | OPEN-HILLS-MTNS | 1-3000 | 26-35 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| CA | NAPA | 787 | OPEN-HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| CA | NEVADA | 973 | HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| CA | ORANGE | 782 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| CA | PLACER | 1,431 | HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | PLUMAS | 2,566 | HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | RIVERSIDE | 7,176 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| CA | SACRAMENTO | 975 | PLAINS | 0- 300 | 16-25 | 4-500 |
| CA | SAN BENITO | 1,396 | HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| CA | SAN BERNARDINO | 20,117 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| CA | SAN DIEGO | 4,261 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | SAN FRANCISCO | 45 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | SAN JOAQUIN | 1,412 | PLAINS | 0- 300 | 26-35 | 4-500 |
| CA | SAN LUIS OBISPO | 3,183 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | SAN MATEO | 447 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | SANTA BARBARA | 2,737 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | SANTA CLARA | 1,300 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | SANTA CRUZ | 440 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | SHASTA | 3,788 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | SIERRA | 958 | HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | SISKIYOU | 6,262 | HILLS-MTNS | 3000+ | 26-35 | 3-400 |
| CA | SOLANO | 823 | PLAINS | 0- 300 | 16-25 | 4-500 |
| CA | SONOMA | 1,604 | OPEN-HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| CA | STANISLAUS | 1,511 | PLAINS | 0- 300 | 26-35 | 4-500 |
| CA | SUTTER | 603 | PLAINS | 0- 300 | 26-35 | 4-500 |
| CA | TEHAMA | 2,982 | HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| CA | TRINITY | 3,173 | HILLS-MTNS | 3000+ | 26-35 | 3-400 |
| CA | TULARE | 4,812 | HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | TUOLUMNE | 2,252 | HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CA | VENTURA | 1,863 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CA | YOLO | 1,028 | PLAINS | 0- 300 | 26-35 | 4-500 |
| CA | YUBA | 639 | PLAINS | 0- 300 | 26-35 | 4-500 |
| | COLORADO | 103,766 | | | | |
| CO | ADAMS | 1,237 | PLAINS | 0- 300 | 16-25 | 3-400 |
| CO | ALAMOSA | 719 | PLAINS | 0- 300 | 16-25 | 4-500 |
| CO | ARAPAHOE | 797 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| CO | ARCHULETA | 1,364 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | BACA | 2,563 | PLAINS | 0- 300 | 6-15 | 4-500 |
| CO | BENT | 1,519 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| CO | BOULDER | 748 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | CHAFFEE | 1,038 | HILLS-MTNS | 3000+ | 6-15 | 4-500 |
| CO | CHEYENNE | 1,772 | PLAINS | 0- 300 | 16-25 | 3-400 |
| CO | CLEAR CREEK | 394 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | CONEJOS | 1,268 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | COSTILLA | 1,213 | PLAINS | 0- 300 | 16-25 | 4-500 |
| CO | CROWLEY | 802 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| CO | CUSTER | 737 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | DELTA | 1,154 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CO | DENVER | 95 | PLAINS | 0- 300 | 16-25 | 4-500 |
| CO | DOLORES | 1,026 | TABLELANDS | 1-3000 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| CO | DOUGLAS | 843 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| CO | EAGLE | 1,681 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | ELBERT | 1,864 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| CO | EL PASO | 2,157 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| CO | FREMONT | 1,561 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | GARFIELD | 2,996 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CO | GILPIN | 148 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | GRAND | 1,854 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | GUNNISON | 3,220 | HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| CO | HINSDALE | 1,054 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | HUERFANO | 1,574 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | JACKSON | 1,622 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | JEFFERSON | 783 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | KIOWA | 1,767 | PLAINS | 0- 300 | 6-15 | 4-500 |
| CO | KIT CARSON | 2,171 | PLAINS | 0- 300 | 6-15 | 3-400 |
| CO | LAKE | 379 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | LA PLATA | 1,683 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | LARIMER | 2,611 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | LAS ANIMAS | 4,794 | TABLELANDS | 5-1000 | 16-25 | 4-500 |
| CO | LINCOLN | 2,593 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| CO | LOGAN | 1,822 | PLAINS | 0- 300 | 6-15 | 3-400 |
| CO | MESA | 3,301 | TABLELANDS | 1-3000 | 26-35 | 4-500 |
| CO | MINERAL | 921 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | MOFFAT | 4,743 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CO | MONTEZUMA | 2,094 | TABLELANDS | 1-3000 | 16-25 | 4-500 |
| CO | MONTROSE | 2,238 | TABLELANDS | 1-3000 | 26-35 | 4-500 |
| CO | MORGAN | 1,278 | PLAINS | 0- 300 | 6-15 | 3-400 |
| CO | OTERO | 1,254 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| CO | OURAY | 540 | TABLELANDS | 1-3000 | 16-25 | 4-500 |
| CO | PARK | 2,162 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| CO | PHILLIPS | 687 | PLAINS | 0- 300 | 6-15 | 3-400 |
| CO | PITKIN | 973 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | PROWERS | 1,621 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| CO | PUEBLO | 2,405 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| CO | RIO BLANCO | 3,263 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | RIO GRANDE | 915 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | ROUTT | 2,330 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | SAGUACHE | 3,144 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | SAN JUAN | 391 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | SAN MIGUEL | 1,283 | TABLELANDS | 1-3000 | 16-25 | 4-500 |
| CO | SEDGWICK | 544 | PLAINS | 0- 300 | 6-15 | 3-400 |
| CO | SUMMIT | 604 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | TELLER | 553 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| CO | WASHINGTON | 2,526 | PLAINS | 0- 300 | 6-15 | 3-400 |
| CO | WELD | 4,002 | PLAINS | 0- 300 | 6-15 | 3-400 |
| CO | YUMA | 2,379 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | CONNECTICUT | 4,862 | | | | |
| CT | FAIRFIELD | 626 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| CT | HARTFORD | 739 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| CT LITCHFIELD | 925 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| CT MIDDLESEX | 372 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| CT NEW HAVEN | 604 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| CT NEW LONDON | 667 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| CT TOLLAND | 416 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| CT WINDHAM | 514 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| DELAWARE | 1,982 | | | | |
| DE KENT | 594 | PLAINS | 0- 300 | 6-15 | 3-400 |
| DE NEW CASTLE | 438 | PLAINS | 0- 300 | 6-15 | 3-400 |
| DE SUSSEX | 950 | PLAINS | 0- 300 | 6-15 | 3-400 |
| DISTRICT OF COLUMBIA | 61 | | | | |
| DC DISTRICT OF COLUMBIA | 61 | PLAINS | 0- 300 | 6-15 | 3-400 |
| FLORIDA | 54,090 | | | | |
| FL ALACHUA | 916 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL BAKER | 585 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL BAY | 747 | PLAINS | 0- 300 | 26-35 | 4-500 |
| FL BRADFORD | 294 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL BREVARD | 1,011 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL BROWARD | 1,219 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL CALHOUN | 561 | PLAINS | 0- 300 | 26-35 | 4-500 |
| FL CHARLOTTE | 707 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL CITRUS | 560 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL CLAY | 593 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL COLLIER | 2,306 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL COLUMBIA | 784 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL DADE | 2,042 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL DE SOTO | 648 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL DIXIE | 692 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL DUVAL | 766 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL ESCAMBIA | 665 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL FLAGLER | 487 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL FRANKLIN | 536 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL GADSDEN | 512 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL GILCHRIST | 346 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL GLADES | 753 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL GULF | 565 | PLAINS | 0- 300 | 26-35 | 4-500 |
| FL HAMILTON | 514 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL HARDEE | 629 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL HENDRY | 1,187 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL HERNANDO | 484 | PLAINS | 0- 300 | 26-35 | 4-500 |
| FL HIGHLANDS | 997 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL HILLSBOROUGH | 1,038 | PLAINS | 0- 300 | 26-35 | 4-500 |
| FL HOLMES | 482 | PLAINS | 0- 300 | 26-35 | 4-500 |
| FL INDIAN RIVER | 506 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL JACKSON | 935 | PLAINS | 0- 300 | 26-35 | 4-500 |
| FL JEFFERSON | 605 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL LAFAYETTE | 549 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL LAKE | 961 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL LEE | 785 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| FL | LEON | 670 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | LEVY | 1,083 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | LIBERTY | 839 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | MADISON | 707 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | MANATEE | 739 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | MARION | 1,600 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | MARTIN | 556 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | MONROE | 1,034 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | NASSAU | 650 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | OKALOOSA | 944 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | OKEECHOBEE | 777 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | ORANGE | 910 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | OSCEOLA | 1,313 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | PALM BEACH | 2,023 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | PASCO | 742 | PLAINS | 0- 300 | 26-35 | 4-500 |
| FL | PINELLAS | 265 | PLAINS | 0- 300 | 26-35 | 4-500 |
| FL | POLK | 1,858 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | PUTNAM | 779 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | ST JOHNS | 605 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | ST LUCIE | 584 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | SANTA ROSA | 1,032 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | SARASOTA | 587 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | SEMINOLE | 305 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | SUMTER | 555 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | SUWANNEE | 686 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | TAYLOR | 1,051 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | UNION | 241 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | VOLUSIA | 1,062 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | WAKULLA | 601 | PLAINS | 0- 300 | 16-25 | 4-500 |
| FL | WALTON | 1,053 | PLAINS | 0- 300 | 26-35 | 4-500 |
| FL | WASHINGTON | 585 | PLAINS | 0- 300 | 26-35 | 4-500 |
| | GEORGIA | 58,073 | | | | |
| GA | APPLING | 513 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | ATKINSON | 318 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | BACON | 293 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | BAKER | 355 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | BALDWIN | 255 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 4-500 |
| GA | BANKS | 231 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | BARROW | 171 | | | | |
| | BARTOW | 461 | | | | |
| | BEN HILL | 255 | | | | |
| | BERRIEN | 468 | | | | |
| | BIBB | 254 | | | | |
| | BLECKLEY | 219 | | | | |
| | BRANTLEY | 447 | | | | |
| | BROOKS | 491 | | | | |
| | BRYAN | 443 | | | | |
| | BULLOCH | 685 | | | | |
| | BURKE | 831 | | | | |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| | BUTTS | 185 | | | | |
| | CALHOUN | 289 | | | | |
| | CAMDEN | 653 | | | | |
| | CANDLER | 250 | | | | |
| | CARROLL | 495 | | | | |
| | CATOOSA | 167 | | | | |
| | CHARLTON | 796 | | | | |
| | CHATHAM | 445 | | | | |
| | CHATTAHOOCHEE | 253 | | | | |
| | CHATTOOGA | 317 | | | | |
| | CHEROKEE | 415 | | | | |
| | CLARKE | 116 | | | | |
| | CLAY | 200 | | | | |
| | CLAYTON | 149 | | | | |
| | CLINCH | 797 | | | | |
| | COBB | 343 | | | | |
| | COFFEE | 612 | | | | |
| | COLQUITT | 563 | | | | |
| | COLUMBIA | 290 | | | | |
| | COOK | 233 | | | | |
| | COWETA | 442 | | | | |
| | CRAWFORD | 315 | | | | |
| | CRISP | 292 | | | | |
| | DADE | 168 | | | | |
| | DAWSON | 211 | | | | |
| | DECATUR | 575 | | | | |
| | DE KALB | 269 | | | | |
| | DODGE | 498 | | | | |
| | DOOLY | 395 | | | | |
| | DOUGHERTY | 324 | | | | |
| | DOUGLAS | 202 | | | | |
| | EARLY | 524 | | | | |
| | ECHOLS | 425 | | | | |
| | EFFINGHAM | 480 | | | | |
| | ELBERT | 358 | | | | |
| | EMANUEL | 686 | | | | |
| | EVANS | 186 | | | | |
| | FANNIN | 394 | | | | |
| GA | FAYETTE | 199 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | FLOYD | 514 | | | | |
| | FORSYTH | 219 | | | | |
| | FRANKLIN | 263 | | | | |
| GA | FULTON | 530 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | GILMER | 439 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| GA | GLASCOCK | 143 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | GLYNN | 412 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | GORDON | 358 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| GA | GRADY | 466 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | GREENE | 403 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| GA | GWINNETT | 437 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | HABERSHAM | 282 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| GA | HALL | 378 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| GA | HANCOCK | 478 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 4-500 |
| GA | HARALSON | 285 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| GA | HARRIS | 465 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | HART | 231 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | HEARD | 297 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| GA | HENRY | 331 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | HOUSTON | 380 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | IRWIN | 372 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | JACKSON | 346 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | JASPER | 373 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 4-500 |
| GA | JEFF DAVIS | 331 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | JEFFERSON | 530 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | JENKINS | 351 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | JOHNSON | 313 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | JONES | 402 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 4-500 |
| GA | LAMAR | 181 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | LANIER | 177 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | LAURENS | 810 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | LEE | 355 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | LIBERTY | 514 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | LINCOLN | 193 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | LONG | 402 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | LOWNDES | 508 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | LUMPKIN | 292 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| GA | MC DUFFIE | 253 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | MC INTOSH | 426 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | MACON | 403 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | MADISON | 281 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | MARION | 365 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | MERIWETHER | 499 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | MILLER | 287 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | MITCHELL | 510 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | MONROE | 398 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | MONTGOMERY | 237 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | MORGAN | 356 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | MURRAY | 342 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| GA | MUSCOGEE | 0 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | NEWTON | 271 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 4-500 |
| GA | OCONEE | 186 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | OGLETHORPE | 435 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | PAULDING | 318 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| GA | PEACH | 151 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | PICKENS | 225 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| GA | PIERCE | 342 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | PIKE | 230 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | POLK | 312 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| GA | PULASKI | 253 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | PUTNAM | 339 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | QUITMAN | 156 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | RABUN | 368 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | RANDOLPH | 436 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | RICHMOND | 323 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | ROCKDALE | 128 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | SCHLEY | 162 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | SCREVEN | 651 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | SEMINOLE | 246 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | SPALDING | 201 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | STEPHENS | 173 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | STEWART | 452 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | SUMTER | 488 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | TALBOT | 390 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | TALIAFERRO | 195 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | TATTNALL | 490 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | TAYLOR | 403 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | TELFAIR | 440 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | TERRELL | 329 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | THOMAS | 547 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | TIFT | 266 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | TOOMBS | 368 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | TOWNS | 166 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| GA | TREUTLEN | 194 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | TROUP | 415 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | TURNER | 293 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | TWIGGS | 364 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | UNION | 309 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| GA | UPSON | 334 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 4-500 |
| GA | WALKER | 445 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| GA | WALTON | 330 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | WARE | 912 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | WARREN | 284 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | WASHINGTON | 674 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | WAYNE | 645 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | WEBSTER | 195 | PLAINS | 0- 300 | 26-35 | 4-500 |
| GA | WHEELER | 306 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | WHITE | 243 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| GA | WHITFIELD | 281 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| GA | WILCOX | 383 | PLAINS | 0- 300 | 16-25 | 4-500 |
| GA | WILKES | 468 | PLAINS | 0- 300 | 16-25 | 3-400 |
| GA | WILKINSON | 458 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 4-500 |
| GA | WORTH | 579 | PLAINS | 0- 300 | 16-25 | 4-500 |
| | COLUMBUS CITY | 220 | | | | |
| | HAWAII | 6,425 | | | | |
| HI | HAWAII | 4,037 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| HI | HONOLULU | 596 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| | KALAWAD | [illegible] | | | | |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| HI | KAUAI | 619 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| HI | MAUI | 1,173 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| | IDAHO | 82,677 | | | | |
| ID | ADA | 1,043 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | ADAMS | 1,371 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | BANNOCK | 1,122 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | BEAR LAKE | 984 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | BENEWAH | 788 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | BINGHAM | 2,084 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | BLAINE | 2,647 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | BOISE | 1,910 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | BONNER | 1,733 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | BONNEVILLE | 1,836 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | BOUNDARY | 1,275 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | BUTTE | 2,239 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | CAMAS | 1,054 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | CANYON | 578 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | CARIBOU | 1,746 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | CASSIA | 2,544 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | CLARK | 1,751 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | CLEARWATER | 2,521 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | CUSTER | 4,929 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | ELMORE | 3,048 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | FRANKLIN | 664 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | FREMONT | 1,864 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | GEM | 555 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | GOODING | 720 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | IDAHO | 8,516 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | JEFFERSON | 1,096 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | JEROME | 595 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | KOOTENAI | 1,249 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | LATAH | 1,090 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | LEMHI | 4,560 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| ID | LEWIS | 476 | TABLELANDS | 1-3000 | 16-25 | 3-400 |
| ID | LINCOLN | 1,203 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | MADISON | 473 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | MINIDOKA | 750 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | NEZ PERCE | 844 | TABLELANDS | 1-3000 | 16-25 | 3-400 |
| ID | ONEIDA | 1,191 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | OWYHEE | 7,641 | TABLELANDS | 5-1000 | 16-25 | 3-400 |
| ID | PAYETTE | 402 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | POWER | 1,413 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | SHOSHONE | 2,609 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | TETON | 457 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ID | TWIN FALLS | 1,947 | TABLELANDS | 5-1000 | 16-25 | 3-400 |
| ID | VALLEY | 3,676 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| ID | WASHINGTON | 1,462 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| | YELLOWSTONE NAT. PARK | 0 | | | | |
| | ILLINOIS | 55,748 | | | | |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| IL | ADAMS | 862 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | ALEXANDER | 229 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | BOND | 378 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | BOONE | 283 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | BROWN | 306 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | BUREAU | 866 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | CALHOUN | 247 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | CARROLL | 456 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | CASS | 371 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | CHAMPAIGN | 1,000 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | CHRISTIAN | 709 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | CLARK | 505 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | CLAY | 464 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | CLINTON | 434 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | COLES | 506 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | COOK | 954 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | CRAWFORD | 443 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | CUMBERLAND | 347 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | DE KALB | 636 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | DE WITT | 399 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | DOUGLAS | 420 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | DU PAGE | 331 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | EDGAR | 628 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | EDWARDS | 225 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | EFFINGHAM | 481 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | FAYETTE | 707 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | FORD | 488 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | FRANKLIN | 434 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | FULTON | 877 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | GALLATIN | 328 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | GREENE | 543 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | GRUNDY | 432 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | HAMILTON | 435 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | HANCOCK | 797 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | HARDIN | 183 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IL | HENDERSON | 376 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | HENRY | 826 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | IROQUOIS | 1,122 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | JACKSON | 605 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | JASPER | 495 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | JEFFERSON | 573 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | JERSEY | 376 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | JO DAVIESS | 606 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| IL | JOHNSON | 345 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | KANE | 520 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | KANKAKEE | 678 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | KENDALL | 323 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | KNOX | 728 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | LAKE | 457 | PLAINS | 0- 300 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| IL | LA SALLE | 1,150 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | LAWRENCE | 374 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | LEE | 728 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | LIVINGSTON | 1,043 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | LOGAN | 622 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MC DONOUGH | 587 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MC HENRY | 610 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MC LEAN | 1,173 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MACON | 578 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MACOUPIN | 872 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MADISON | 733 | PLAINS | 0- 300 | | 3-400 |
| IL | MARION | 579 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | MARSHALL | 391 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MASON | 541 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MASSAC | 245 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | MENARD | 312 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MERCER | 556 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MONROE | 382 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | MONTGOMERY | 705 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | MORGAN | 561 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | MOULTRIE | 326 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | OGLE | 758 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | PEORIA | 627 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | PERRY | 439 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | PIATT | 437 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | PIKE | 828 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | POPE | 381 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IL | PULASKI | 204 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | PUTNAM | 167 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | RANDOLPH | 594 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | RICHLAND | 364 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | ROCK ISLAND | 424 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | ST CLAIR | 673 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | SALINE | 383 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | SANGAMON | 879 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | SCHUYLER | 434 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | SCOTT | 251 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | SHELBY | 752 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | STARK | 291 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | STEPHENSON | 568 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | TAZEWELL | 652 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | UNION | 416 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IL | VERMILION | 899 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | WABASH | 222 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | WARREN | 541 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | WASHINGTON | 564 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | WAYNE | 715 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | WHITE | 502 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | WHITESIDE | 687 | PLAINS | 0- 300 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| IL | WILL | 847 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | WILLIAMSON | 429 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IL | WINNEBAGO | 519 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IL | WOODFORD | 528 | PLAINS | 0- 300 | 6-15 | 3-400 |
| | INDIANA | 36,097 | | | | |
| IN | ADAMS | 345 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | ALLEN | 671 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | BARTHOLOMEW | 402 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | BENTON | 409 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | BLACKFORD | 167 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | BOONE | 427 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | BROWN | 319 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IN | CARROLL | 374 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | CASS | 415 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | CLARK | 384 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | CLAY | 364 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | CLINTON | 407 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | CRAWFORD | 312 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IN | DAVIESS | 430 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | DEARBORN | 306 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| IN | DECATUR | 375 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | DE KALB | 366 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | DELAWARE | 396 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | DUBOIS | 433 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | ELKHART | 468 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | FAYETTE | 215 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | FLOYD | 149 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | FOUNTAIN | 397 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | FRANKLIN | 394 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | FULTON | 368 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | GIBSON | 498 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IN | GRANT | 421 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | GREENE | 549 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | HAMILTON | 401 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | HANCOCK | 305 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | HARRISON | 479 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | HENDRICKS | 417 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | HENRY | 400 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | HOWARD | 293 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | HUNTINGTON | 369 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | JACKSON | 520 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | JASPER | 562 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | JAY | 386 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | JEFFERSON | 366 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | JENNINGS | 377 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | JOHNSON | 315 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | KNOX | 516 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN | KOSCIUSKO | 540 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN | LAGRANGE | 381 | PLAINS | 0- 300 | 6-15 | 3-400 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| IN LAKE | 513 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN LA PORTE | 607 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN LAWRENCE | 459 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IN MADISON | 453 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN MARION | 392 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN MARSHALL | 443 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MARTIN | 345 | | | | |
| IN MIAMI | 377 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN MONROE | 386 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IN MONTGOMERY | 507 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN MORGAN | 406 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IN NEWTON | 413 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN NOBLE | 412 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN OHIO | 87 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| IN ORANGE | 405 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IN OWEN | 390 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN PARKE | 445 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN PERRY | 384 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| IN PIKE | 335 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN PORTER | 425 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN POSEY | 412 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN PULASKI | 433 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN PUTNAM | 490 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN RANDOLPH | 457 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN RIPLEY | 442 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN RUSH | 409 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN ST JOSEPH | 466 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN SCOTT | 193 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN SHELBY | 409 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN SPENCER | 396 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN STARKE | 310 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN STEUBEN | 309 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN SULLIVAN | 457 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN SWITZERLAND | 221 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| IN TIPPECANCE | 500 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN TIPTON | 261 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN UNION | 168 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN VANDERBURGH | 241 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN VERMILLION | 263 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN VIGO | 415 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN WABASH | 398 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN WARREN | 368 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN WARRICK | 391 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN WASHINGTON | 516 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IN WAYNE | 405 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN WELLS | 365 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN WHITE | 497 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IN WHITLEY | 337 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IOWA | 55,941 | | | | |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| IA | ADAIR | 569 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | ADAMS | 426 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | ALLAMAKEE | 636 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | APPANOOSE | 523 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | AUDUBON | 448 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | BENTON | 718 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | BLACK HAWK | 568 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | BOONE | 573 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | BREMER | 439 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | BUCHANAN | 568 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | BUENA VISTA | 572 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | BUTLER | 582 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | CALHOUN | 571 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | CARROLL | 574 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | CASS | 559 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | CEDAR | 585 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | CERRO GORDO | 575 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | CHEROKEE | 577 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | CHICKASAW | 505 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | CLARKE | 429 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | CLAY | 570 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | CLAYTON | 779 | OPEN-HILLS-MTNS | 0- 500 | 6-15 | 3-400 |
| IA | CLINTON | 693 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | CRAWFORD | 716 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | DALLAS | 597 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | DAVIS | 503 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | DECATUR | 530 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | DELAWARE | 572 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | DES MOINES | 408 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | DICKINSON | 380 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | DUBUQUE | 612 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | EMMET | 394 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | FAYETTE | 728 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | FLOYD | 503 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | FRANKLIN | 586 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | FREMONT | 524 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| IA | GREENE | 569 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | GRUNDY | 501 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | GUTHRIE | 596 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | HAMILTON | 577 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | HANCOCK | 570 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | HARDIN | 574 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | HARRISON | 696 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IA | HENRY | 440 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | HOWARD | 471 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | HUMBOLDT | 435 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | IDA | 431 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | IOWA | 584 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | JACKSON | 644 | PLAINS | 0- 300 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| IA | JASPER | 731 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | JEFFERSON | 436 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | JOHNSON | 619 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | JONES | 585 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | KEOKUK | 579 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | KOSSUTH | 979 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | LEE | 527 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | LINN | 717 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | LOUISA | 403 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | LUCAS | 434 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | LYON | 588 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | MADISON | 564 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | MAHASKA | 572 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | MARION | 498 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | MARSHALL | 574 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | MILLS | 447 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | MITCHELL | 467 | PLAINS | 0- 300 | 16-25 | 3-400 |
| IA | MONONA | 699 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | MONROE | 435 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| IA | MONTGOMERY | 422 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | MUSCATINE | 443 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | O\BRIEN | 575 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | OSCEOLA | 398 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | PAGE | 535 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | PALO ALTO | 561 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | PLYMOUTH | 863 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | POCAHONTAS | 581 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | POLK | 578 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | POTTAWATTAMIE | 963 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| IA | POWESHIEK | 589 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | RINGGOLD | 538 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | SAC | 578 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | SCOTT | 454 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | SHELBY | 587 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | SIOUX | 766 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | STORY | 568 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | TAMA | 720 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | TAYLOR | 528 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | UNION | 425 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | VAN BUREN | 487 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | WAPELLO | 437 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | WARREN | 558 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | WASHINGTON | 568 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | WAYNE | 532 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| IA | WEBSTER | 718 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | WINNEBAGO | 401 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | WINNESHIEK | 688 | PLAINS | 0- 300 | 6-15 | 3-400 |
| IA | WOODBURY | 871 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| IA | WORTH | 400 | PLAINS | 0- 300 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| IA | WRIGHT | 577 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | KANSAS | 81,787 | | | | |
| KS | ALLEN | 505 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | ANDERSON | 577 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | ATCHISON | 427 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KS | BARBER | 1,146 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| KS | BARTON | 894 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | BOURBON | 639 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | BROWN | 577 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KS | BUTLER | 1,442 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | CHASE | 774 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| KS | CHAUTAUQUA | 647 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| KS | CHEROKEE | 586 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | CHEYENNE | 1,027 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | CLARK | 963 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| KS | CLAY | 635 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | CLOUD | 711 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | COFFEY | 617 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | COMANCHE | 800 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| KS | COWLEY | 1,136 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | CRAWFORD | 598 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | DECATUR | 899 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | DICKINSON | 855 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | DONIPHAN | 388 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KS | DOUGLAS | 471 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | EDWARDS | 617 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | ELK | 647 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| KS | ELLIS | 900 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | ELLSWORTH | 717 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | FINNEY | 1,301 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | FORD | 1,091 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | FRANKLIN | 577 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | GEARY | 374 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| KS | GOVE | 1,070 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | GRAHAM | 891 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | GRANT | 571 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | GRAY | 872 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | GREELEY | 783 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | GREENWOOD | 1,133 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| KS | HAMILTON | 992 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | HARPER | 801 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | HARVEY | 540 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | HASKELL | 580 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | HODGEMAN | 860 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | JACKSON | 656 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | JEFFERSON | 510 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | JEWELL | 910 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| KS | JOHNSON | 476 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | KEARNY | 855 | PLAINS | 0- 300 | 6-15 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| KS | KINGMAN | 864 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | KIOWA | 720 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| KS | LABETTE | 654 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | LANE | 720 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | LEAVENWORTH | 466 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KS | LINCOLN | 725 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| KS | LINN | 606 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | LOGAN | 1,073 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | LYON | 841 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| KS | MC PHERSON | 896 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | MARION | 945 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | MARSHALL | 863 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | MEADE | 979 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | MIAMI | 592 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | MITCHELL | 714 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | MONTGOMERY | 628 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | MORRIS | 697 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| KS | MORTON | 728 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | NEMAHA | 708 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | NEOSHO | 587 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | NESS | 1,081 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | NORTON | 872 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | OSAGE | 707 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | OSBORNE | 886 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | OTTAWA | 723 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | PAWNEE | 755 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | PHILLIPS | 897 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| KS | POTTAWATOMIE | 820 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| KS | PRATT | 729 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | RAWLINS | 1,078 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | RENO | 1,260 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | REPUBLIC | 718 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | RICE | 725 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | RILEY | 597 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| KS | ROOKS | 886 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | RUSH | 724 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | RUSSELL | 867 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | SALINE | 720 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | SCOTT | 724 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | SEDGWICK | 1,007 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | SEWARD | 646 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | SHAWNEE | 548 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | SHERIDAN | 893 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | SHERMAN | 1,055 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | SMITH | 893 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| KS | STAFFORD | 795 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | STANTON | 676 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | STEVENS | 731 | PLAINS | 0- 300 | 6-15 | 4-500 |
| KS | SUMNER | 1,186 | PLAINS | 0- 300 | 6-15 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| KS | THOMAS | 1,070 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | TREGO | 901 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | WABAUNSEE | 792 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| KS | WALLACE | 911 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | WASHINGTON | 891 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | WICHITA | 724 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | WILSON | 574 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | WOODSON | 497 | PLAINS | 0- 300 | 6-15 | 3-400 |
| KS | WYANDOTTE | 152 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| | KENTUCKY | 39,650 | | | | |
| KY | ADAIR | 370 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | ALLEN | 351 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | ANDERSON | 206 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | BALLARD | 259 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | BARREN | 468 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | BATH | 287 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | BELL | 370 | HILLS-MTNS | 1-3000 | 26-35 | 3-400 |
| KY | BOONE | 249 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | BOURBON | 300 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | BOYD | 159 | HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | BOYLE | 183 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | BRACKEN | 204 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | BREATHITT | 494 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | BRECKINRIDGE | 554 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | BULLITT | 300 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | BUTLER | 443 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | CALDWELL | 357 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | CALLOWAY | 364 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | CAMPBELL | 149 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | CARLISLE | 195 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | CARROLL | 130 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | CARTER | 397 | HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | CASEY | 435 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | CHRISTIAN | 725 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | CLARK | 259 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | CLAY | 474 | HILLS-MTNS | 5-1000 | 26-35 | 3-400 |
| KY | CLINTON | 190 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | CRITTENDEN | 365 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | CUMBERLAND | 310 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | DAVIESS | 462 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | EDMONSON | 298 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | ELLIOTT | 240 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | ESTILL | 260 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | FAYETTE | 280 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | FLEMING | 350 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | FLOYD | 399 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | FRANKLIN | 211 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | FULTON | 203 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | GALLATIN | 100 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| KY | GARRARD | 236 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | GRANT | 249 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | GRAVES | 560 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | GRAYSON | 496 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | GREEN | 282 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | GREENUP | 351 | HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | HANCOCK | 187 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | HARDIN | 616 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | HARLAN | 469 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| KY | HARRISON | 308 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | HART | 420 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | HENDERSON | 433 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | HENRY | 289 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | HICKMAN | 246 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | HOPKINS | 553 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | JACKSON | 337 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | JEFFERSON | 375 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | JESSAMINE | 177 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | JOHNSON | 264 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | KENTON | 165 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| KY | KNOTT | 356 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | KNOX | 373 | HILLS-MTNS | 5-1000 | 26-35 | 3-400 |
| KY | LARUE | 260 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | LAUREL | 446 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | LAWRENCE | 425 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | LEE | 210 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | LESLIE | 409 | HILLS-MTNS | 1-3000 | 26-35 | 3-400 |
| KY | LETCHER | 339 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| KY | LEWIS | 486 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | LINCOLN | 340 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | LIVINGSTON | 311 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | LOGAN | 563 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | LYON | 216 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | MC CRACKEN | 250 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | MC CREARY | 418 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | MC LEAN | 257 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | MADISON | 446 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | MAGOFFIN | 303 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | MARION | 343 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | MARSHALL | 303 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | MARTIN | 231 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | MASON | 238 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | MEADE | 305 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | MENIFEE | 210 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | MERCER | 256 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | METCALFE | 296 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | MONROE | 334 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | MONTGOMERY | 204 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | MORGAN | 369 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| KY | MUHLENBERG | 481 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | NELSON | 437 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | NICHOLAS | 204 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | OHIO | 596 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | OLDHAM | 184 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | OWEN | 351 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | OWSLEY | 197 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | PENDLETON | 279 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | PERRY | 341 | HILLS-MTNS | 1-3000 | 26-35 | 3-400 |
| KY | PIKE | 782 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| KY | POWELL | 173 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | PULASKI | 653 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | ROBERTSON | 101 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | ROCKCASTLE | 311 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | ROWAN | 290 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | RUSSELL | 238 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | SCOTT | 284 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | SHELBY | 383 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | SIMPSON | 239 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | SPENCER | 193 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | TAYLOR | 277 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | TODD | 376 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | TRIGG | 408 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | TRIMBLE | 146 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| KY | UNION | 340 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | WARREN | 546 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | WASHINGTON | 307 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | WAYNE | 440 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | WEBSTER | 339 | PLAINS | 0- 300 | 16-25 | 3-400 |
| KY | WHITLEY | 459 | HILLS-MTNS | 5-1000 | 26-35 | 3-400 |
| KY | WOLFE | 227 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| KY | WOODFORD | 193 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | LOUISIANA | 44,930 | | | | |
| LA | ACADIA | 663 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ALLEN | 774 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ASCENSION | 301 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ASSUMPTION | 356 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | AVOYELLES | 832 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | BEAUREGARD | 1,181 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | BIENVILLE | 832 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | BOSSIER | 849 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | CADDO | 899 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | CALCASIEU | 1,105 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | CALDWELL | 551 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | CAMERON | 1,441 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | CATAHOULA | 742 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | CLAIBORNE | 763 | PLAINS | 0- 300 | 16-25 | 3-400 |
| LA | CONCORDIA | 718 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | DE SOTO | 894 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| LA | EAST BATON ROUGE | 459 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | EAST CARROLL | 436 | PLAINS | 0- 300 | 16-25 | 3-400 |
| LA | EAST FELICIANA | 454 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | EVANGELINE | 669 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | FRANKLIN | 648 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | GRANT | 670 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | IBERIA | 589 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | IBERVILLE | 627 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | JACKSON | 582 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | JEFFERSON | 369 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | JEFFERSON DAVIS | 658 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | LAFAYETTE | 283 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | LAFOURCHE | 1,141 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | LA SALLE | 643 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | LINCOLN | 469 | PLAINS | 0- 300 | 16-25 | 3-400 |
| LA | LIVINGSTON | 654 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | MADISON | 661 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | MOREHOUSE | 804 | PLAINS | 0- 300 | 16-25 | 3-400 |
| LA | NATCHITOCHES | 1,292 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ORLEANS | 197 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | OUACHITA | 638 | PLAINS | 0- 300 | 16-25 | 3-400 |
| LA | PLAQUEMINES | 1,030 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | POINTE COUPEE | 567 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | RAPIDES | 1,318 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | RED RIVER | 406 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | RICHLAND | 576 | PLAINS | 0- 300 | 16-25 | 3-400 |
| LA | SABINE | 873 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ST BERNARD | 514 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ST CHARLES | 294 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ST HELENA | 420 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ST JAMES | 257 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ST JOHN THE BAPTIST | 227 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ST LANDRY | 932 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ST MARTIN | 736 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ST MARY | 624 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | ST TAMMANY | 887 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | TANGIPAHOA | 808 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | TENSAS | 626 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | TERREBONNE | 1,368 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | UNION | 885 | PLAINS | 0- 300 | 16-25 | 3-400 |
| LA | VERMILION | 1,205 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | VERNON | 1,351 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | WASHINGTON | 665 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | WEBSTER | 615 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | WEST BATON ROUGE | 203 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | WEST CARROLL | 356 | PLAINS | 0- 300 | 16-25 | 3-400 |
| LA | WEST FELICIANA | 405 | PLAINS | 0- 300 | 16-25 | 4-500 |
| LA | WINN | 950 | PLAINS | 0- 300 | 16-25 | 4-500 |
| | MAINE | 30,920 | | | | |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| ME | ANDROSCOGGIN | 474 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| ME | AROOSTOOK | 6,821 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| ME | CUMBERLAND | 879 | PLAINS | 0- 300 | 16-25 | 3-400 |
| ME | FRANKLIN | 1,709 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| ME | HANCOCK | 1,536 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| ME | KENNEBEC | 872 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| ME | KNOX | 369 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| ME | LINCOLN | 454 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ME | OXFORD | 2,080 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| ME | PENOBSCOT | 3,392 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| ME | PISCATAQUIS | 3,892 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| ME | SAGADAHOC | 257 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ME | SOMERSET | 3,894 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| ME | WALDO | 737 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| ME | WASHINGTON | 2,554 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| ME | YORK | 1,001 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| | MARYLAND | 9,891 | | | | |
| MD | ALLEGANY | 428 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| MD | ANNE ARUNDEL | 423 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | BALTIMORE | 598 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MD | CALVERT | 217 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | CAROLINE | 321 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | CARROLL | 456 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MD | CECIL | 362 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MD | CHARLES | 459 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | DORCHESTER | 594 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | FREDERICK | 665 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | GARRETT | 659 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| MD | HARFORD | 453 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MD | HOWARD | 251 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MD | KENT | 281 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | MONTGOMERY | 495 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MD | PRINCE GEORGES | 485 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | QUEEN ANNES | 375 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | ST MARYS | 373 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | SOMERSET | 339 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | TALBOT | 261 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | WASHINGTON | 459 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | WICOMICO | 381 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MD | WORCESTER | 479 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | BALTIMORE CITY | 78 | | | | |
| | MASSACHUSETTS | 7,826 | | | | |
| MA | BARNSTABLE | 397 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MA | BERKSHIRE | 941 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | -300 |
| MA | BRISTOL | 554 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MA | DUKES | 104 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MA | ESSEX | 494 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MA | FRANKLIN | 708 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| MA | HAMPDEN | 619 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| MA | HAMPSHIRE | 529 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| MA | MIDDLESEX | 825 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MA | NANTUCKET | 46 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MA | NORFOLK | 394 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MA | PLYMOUTH | 654 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MA | SUFFOLK | 56 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MA | WORCESTER | 1,509 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| | MICHIGAN | 56,817 | | | | |
| MI | ALCONA | 678 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | ALGER | 905 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | ALLEGAN | 826 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | ALPENA | 565 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | ANTRIM | 476 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | ARENAC | 367 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | BARAGA | 901 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MI | BARRY | 554 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | BAY | 447 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | BENZIE | 316 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | BERRIEN | 580 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | BRANCH | 506 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | CALHOUN | 709 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | CASS | 491 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | CHARLEVOIX | 414 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | CHEBOYGAN | 721 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | CHIPPEWA | 1,590 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | CLARE | 571 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | CLINTON | 572 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | CRAWFORD | 561 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | DELTA | 1,177 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | DICKINSON | 757 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | EATON | 571 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | EMMET | 461 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | GENESEE | 642 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | GLADWIN | 505 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | GOGEBIC | 1,107 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MI | GRAND TRAVERSE | 462 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | GRATIOT | 566 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | HILLSDALE | 600 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | HOUGHTON | 1,017 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MI | HURON | 819 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | INGHAM | 559 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | IONIA | 575 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | IOSCO | 544 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | IRON | 1,171 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | ISABELLA | 572 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | JACKSON | 698 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | KALAMAZOO | 562 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | KALKASKA | 566 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | KENT | 857 | PLAINS | 0- 300 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| MI | KEWEENAW | 538 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MI | LAKE | 571 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | LAPEER | 658 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | LEELANAU | 345 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | LENAWEE | 753 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | LIVINGSTON | 572 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | LUCE | 906 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MACKINAC | 1,014 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MACOMB | 480 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MANISTEE | 553 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | MARQUETTE | 1,828 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MASON | 490 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | MECOSTA | 560 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MENOMINEE | 1,038 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MIDLAND | 520 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MISSAUKEE | 565 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MONROE | 557 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MONTCALM | 712 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MONTMORENCY | 555 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | MUSKEGON | 501 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | NEWAYGO | 849 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | OAKLAND | 867 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | OCEANA | 536 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | OGEMAW | 571 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | ONTONAGON | 1,316 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MI | OSCEOLA | 581 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | OSCODA | 567 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | OTSEGO | 527 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MI | OTTAWA | 567 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | PRESQUE ISLE | 648 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | ROSCOMMON | 521 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | SAGINAW | 814 | PLAINS | | 003-40 | 0- 3 |
| MI | ST CLAIR | 734 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | ST JOSEPH | 506 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | SANILAC | 961 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | SCHOOLCRAFT | 1,181 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | SHIAWASSEE | 540 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | TUSCOLA | 815 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | VAN BUREN | 603 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | WASHTENAW | 711 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | WAYNE | 605 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MI | WEXFORD | 559 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| | MINNESOTA | 79,289 | | | | |
| MN | AITKIN | 1,828 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | ANOKA | 424 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | BECKER | 1,297 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | BELTRAMI | 2,507 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | BENTON | 402 | PLAINS | 0- 300 | 6-15 | 3-400 |
| | BIG STONE | 490 | | | | |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| MN | BLUE EARTH | 737 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | BROWN | 610 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | CARLTON | 862 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | CARVER | 359 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MN | CASS | 1,998 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | CHIPPEWA | 582 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | CHISAGO | 419 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | CLAY | 1,045 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | CLEARWATER | 1,000 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | COOK | 1,346 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MN | COTTONWOOD | 636 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | CROW WING | 995 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | DAKOTA | 576 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | DODGE | 435 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | DOUGLAS | 647 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | FARIBAULT | 711 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | FILLMORE | 859 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MN | FREEBORN | 701 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | GOODHUE | 757 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | GRANT | 546 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | HENNEPIN | 567 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | HOUSTON | 565 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MN | HUBBARD | 932 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | ISANTI | 439 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | ITASCA | 2,637 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | JACKSON | 696 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | KANABEC | 524 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | KANDIYOHI | 787 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MN | KITTSON | 1,123 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | KOOCHICHING | 3,127 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | LAC QUI PARLE | 768 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | LAKE | 2,062 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MN | LAKE OF THE WOODS | 1,311 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | LE SUEUR | 440 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | LINCOLN | 531 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | LYON | 709 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | MC LEOD | 488 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MN | MAHNOMEN | 563 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | MARSHALL | 1,789 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | MARTIN | 707 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | MEEKER | 619 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MN | MILLE LACS | 571 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | MORRISON | 1,127 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | MOWER | 707 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | MURRAY | 703 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | NICOLLET | 432 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | NOBLES | 712 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | NORMAN | 885 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | OLMSTED | 656 | PLAINS | 0- 300 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| MN | OTTER TAIL | 1,962 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | PENNINGTON | 622 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | PINE | 1,414 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | PIPESTONE | 464 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | POLK | 2,013 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | POPE | 669 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | RAMSEY | 155 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | RED LAKE | 432 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | REDWOOD | 874 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | RENVILLE | 979 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | RICE | 496 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | ROCK | 485 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | ROSEAU | 1,676 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | ST LOUIS | 6,092 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | SCOTT | 353 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | SHERBURNE | 431 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | SIBLEY | 583 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | STEARNS | 1,342 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MN | STEELE | 425 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | STEVENS | 558 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | SWIFT | 739 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | TODD | 942 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | TRAVERSE | 568 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | WABASHA | 522 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MN | WADENA | 536 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | WASECA | 415 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | WASHINGTON | 386 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | WATONWAN | 433 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | WILKIN | 752 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MN | WINONA | 620 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MN | WRIGHT | 674 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MN | YELLOW MEDICINE | 753 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | MISSISSIPPI | 47,296 | | | | |
| MS | ADAMS | 449 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | ALCORN | 405 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | AMITE | 729 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | ATTALA | 724 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | BENTON | 412 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | BOLIVAR | 923 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | CALHOUN | 575 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | CARROLL | 637 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | CHICKASAW | 506 | PLAINS | 0- 300 | 26-35 | 3-400 |
| MS | CHOCTAW | 417 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| MS | CLAIBORNE | 489 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | CLARKE | 697 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | CLAY | 414 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | COAHOMA | 569 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | COPIAH | 767 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | COVINGTON | 416 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| MS | DE SOTO | 476 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | FORREST | 468 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | FRANKLIN | 568 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | GEORGE | 481 | PLAINS | 0- 300 | 26-35 | 4-500 |
| MS | GREENE | 728 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | GRENADA | 431 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | HANCOCK | 482 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | HARRISON | 585 | PLAINS | 0- 300 | 26-35 | 4-500 |
| | HINDS | 876 | | | | |
| MS | HOLMES | 769 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | HUMPHREYS | 421 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | ISSAQUENA | 414 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | ITAWAMBA | 541 | PLAINS | 0- 300 | 26-35 | 3-400 |
| MS | JACKSON | 736 | PLAINS | 0- 300 | 26-35 | 3-400 |
| MS | JASPER | 683 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | JEFFERSON | 521 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | JEFFERSON DAVIS | 414 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | JONES | 702 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | KEMPER | 757 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 4-500 |
| MS | LAFAYETTE | 668 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | LAMAR | 500 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | LAUDERDALE | 708 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 4-500 |
| MS | LAWRENCE | 433 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | LEAKE | 586 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | LEE | 455 | PLAINS | 0- 300 | 26-35 | 3-400 |
| MS | LEFLORE | 592 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | LINCOLN | 586 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | LOWNDES | 508 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | MADISON | 727 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | MARION | 550 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | MARSHALL | 710 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | MONROE | 769 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | MONTGOMERY | 407 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| MS | NESHOBA | 568 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | NEWTON | 580 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | NOXUBEE | 695 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | OKTIBBEHA | 454 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | PANOLA | 693 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | PEARL RIVER | 828 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | PERRY | 653 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | PIKE | 409 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | PONTOTOC | 501 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | PRENTISS | 418 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | QUITMAN | 412 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | RANKIN | 775 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | SCOTT | 615 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | SHARKEY | 436 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | SIMPSON | 587 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | SMITH | 642 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| MS | STONE | 448 | PLAINS | 0- 300 | 26-35 | 4-500 |
| MS | SUNFLOWER | 694 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | TALLAHATCHIE | 644 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | TATE | 405 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | TIPPAH | 464 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | TISHOMINGO | 443 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MS | TUNICA | 458 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | UNION | 422 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | WALTHALL | 403 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | WARREN | 581 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | WASHINGTON | 734 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | WAYNE | 827 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | WEBSTER | 416 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| MS | WILKINSON | 674 | PLAINS | 0- 300 | 16-25 | 4-500 |
| MS | WINSTON | 606 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| MS | YALOBUSHA | 488 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MS | YAZOO | 938 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | MISSOURI | 68,995 | | | | |
| MO | ADAIR | 572 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| MO | ANDREW | 436 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | ATCHISON | 549 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| MO | AUDRAIN | 692 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | BARRY | 783 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MO | BARTON | 594 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | BATES | 841 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | BENTON | 735 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | BOLLINGER | 621 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | BOONE | 685 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | BUCHANAN | 404 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| MO | BUTLER | 715 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | CALDWELL | 430 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | CALLAWAY | 835 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MO | CAMDEN | 640 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | CAPE GIRARDEAU | 574 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | CARROLL | 697 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | CARTER | 506 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MO | CASS | 698 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | CEDAR | 496 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | CHARITON | 754 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | CHRISTIAN | 567 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MO | CLARK | 506 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| MO | CLAY | 412 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| MO | CLINTON | 420 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | COLE | 384 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | COOPER | 566 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | CRAWFORD | 760 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | DADE | 504 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | DALLAS | 537 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MO | DAVIESS | 563 | PLAINS | 0- 300 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| MO | DE KALB | 423 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | DENT | 756 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | DOUGLAS | 809 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MO | DUNKLIN | 543 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | FRANKLIN | 934 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | GASCONADE | 519 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | GENTRY | 488 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | GREENE | 677 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MO | GRUNDY | 435 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | HARRISON | 725 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| MO | HENRY | 734 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | HICKORY | 377 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | HOLT | 458 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | HOWARD | 472 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MO | HOWELL | 920 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| MO | IRON | 554 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MO | JACKSON | 603 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | JASPER | 642 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | JEFFERSON | 668 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | JOHNSON | 826 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | KNOX | 512 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | LACLEDE | 770 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | LAFAYETTE | 632 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | LAWRENCE | 619 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MO | LEWIS | 508 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | LINCOLN | 625 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | LINN | 622 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | LIVINGSTON | 530 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | MC DONALD | 540 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MO | MACON | 798 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | MADISON | 496 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MO | MARIES | 525 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | MARION | 438 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | MERCER | 455 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| MO | MILLER | 600 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | MISSISSIPPI | 415 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | MONITEAU | 419 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | MONROE | 669 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | MONTGOMERY | 534 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | MORGAN | 592 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | NEW MADRID | 679 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | NEWTON | 629 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MO | NODAWAY | 877 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | OREGON | 784 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | OSAGE | 608 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | OZARK | 732 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MO | PEMISCOT | 493 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | PERRY | 471 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | PETTIS | 679 | PLAINS | 0- 300 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| MO | PHELPS | 677 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | PIKE | 681 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| MO | PLATTE | 427 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| MO | POLK | 637 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MO | PULASKI | 551 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | PUTNAM | 518 | OPEN-HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| MO | RALLS | 478 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | RANDOLPH | 473 | PLAINS | 0- 300 | 6-15 | 3-400 |
| MO | RAY | 573 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 3-400 |
| MO | REYNOLDS | 817 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MO | RIPLEY | 639 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | ST CHARLES | 551 | PLAINS | 0- 300 | 16-25 | 3-400 |
| MO | ST CLAIR | 697 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | ST FRANCOIS | 457 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| MO | ST LOUIS | 499 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| MO | STE GENEVIEVE | 499 | OPEN-HILLS-MTNS | 5-1000 | | 3-400 |
| MO | SALINE | 757 | PLAINS | 0- 300 | | 3-400 |
| MO | SCHUYLER | 306 | OPEN-HILLS-MTNS | 0- 300 | | 3-400 |
| MO | SCOTLAND | 441 | OPEN-HILLS-MTNS | 0- 300 | | 3-400 |
| MO | SCOTT | 421 | PLAINS | 0- 300 | | 3-400 |
| MO | SHANNON | 999 | OPEN-HILLS-MTNS | 5-1000 | | 3-400 |
| MO | SHELBY | 501 | PLAINS | 0- 300 | | 3-400 |
| MO | STODDARD | 823 | PLAINS | 0- 300 | | 3-400 |
| MO | STONE | 449 | OPEN-HILLS-MTNS | 5-1000 | | 3-400 |
| MO | SULLIVAN | 654 | OPEN-HILLS-MTNS | 0- 300 | | 3-400 |
| MO | TANEY | 615 | OPEN-HILLS-MTNS | 5-1000 | | 3-400 |
| MO | TEXAS | 1,183 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| MO | VERNON | 838 | PLAINS | 0- 300 | | 3-400 |
| MO | WARREN | 426 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| MO | WASHINGTON | 760 | OPEN-HILLS-MTNS | 5-1000 | | 3-400 |
| MO | WAYNE | 766 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| MO | WEBSTER | 590 | OPEN-HILLS-MTNS | 5-1000 | | 3-400 |
| MO | WORTH | 267 | OPEN-HILLS-MTNS | 0- 300 | | 3-400 |
| MO | WRIGHT | 684 | OPEN-HILLS-MTNS | 5-1000 | | 3-400 |
| | ST LOUIS CITY | 61 | | | | |
| | MONTANA | 145,587 | | | | |
| MT | BEAVERHEAD | 5,551 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | BIG HORN | 5,023 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MT | BLAINE | 4,275 | TABLELANDS | 1-3000 | 6-15 | 3-400 |
| MT | BROADWATER | 1,193 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | CARBON | 2,066 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | CARTER | 3,313 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MT | CASCADE | 2,661 | OPEN-HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| MT | CHOUTEAU | 3,927 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | CUSTER | 3,756 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MT | DANIELS | 1,443 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | DAWSON | 2,370 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | DEER LODGE | 740 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | FALLON | 1,633 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| MT | FERGUS | 4,242 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | FLATHEAD | 5,137 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | GALLATIN | 2,517 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | GARFIELD | 4,455 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | GLACIER | 2,964 | OPEN-HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| MT | GOLDEN VALLEY | 1,176 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MT | GRANITE | 1,733 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | HILL | 2,927 | TABLELANDS | 1-3000 | 6-15 | 3-400 |
| MT | JEFFERSON | 1,652 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | JUDITH BASIN | 1,880 | OPEN-HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| MT | LAKE | 1,494 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | LEWIS AND CLARK | 3,476 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | LIBERTY | 1,439 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | LINCOLN | 3,714 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | MC CONE | 2,607 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MT | MADISON | 3,528 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | MEAGHER | 2,354 | OPEN-HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| MT | MINERAL | 1,222 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | MISSOULA | 2,612 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | MUSSELSHELL | 1,887 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | PARK | 2,626 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | PETROLEUM | 1,655 | OPEN-HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| MT | PHILLIPS | 5,213 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | PONDERA | 1,645 | OPEN-HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| MT | POWDER RIVER | 3,288 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| MT | POWELL | 2,336 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | PRAIRIE | 1,730 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | RAVALLI | 2,382 | OPEN-HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| MT | RICHLAND | 2,079 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | ROOSEVELT | 2,385 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | ROSEBUD | 5,037 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MT | SANDERS | 2,778 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | SHERIDAN | 1,694 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | SILVER BOW | 715 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | STILLWATER | 1,794 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | SWEET GRASS | 1,840 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | TETON | 2,294 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| MT | TOOLE | 1,950 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| MT | TREASURE | 985 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | VALLEY | 4,974 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| MT | WHEATLAND | 1,420 | OPEN-HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| MT | WIBAUX | 890 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MT | YELLOWSTONE | 2,642 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| MT | YELLOWSTONE NATIONAL | 269 | HILLS-MTNS | 3000+ | | 3-400 |
| | NEBRASKA | 76,483 | | | | |
| NB | ADAMS | 562 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | ANTELOPE | 857 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | ARTHUR | 704 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | BANNER | 738 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| NB BLAINE | 710 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB BOONE | 683 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB BOX BUTTE | 1,065 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB BOYD | 538 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB BROWN | 1,216 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB BUFFALO | 949 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB BURT | 483 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NB BUTLER | 582 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB CASS | 555 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NB CEDAR | 742 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB CHASE | 890 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB CHERRY | 5,966 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB CHEYENNE | 1,186 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB CLAY | 570 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB COLFAX | 406 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB CUMING | 571 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB CUSTER | 2,558 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB DAKOTA | 255 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NB DAWES | 1,386 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB DAWSON | 975 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB DEUEL | 436 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB DIXON | 475 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB DODGE | 528 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB DOUGLAS | 335 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NB DUNDY | 921 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB FILLMORE | 577 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB FRANKLIN | 578 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB FRONTIER | 962 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB FURNAS | 722 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB GAGE | 858 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB GARDEN | 1,678 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB GARFIELD | 569 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB GOSPER | 464 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB GRANT | 764 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB GREELEY | 570 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB HALL | 537 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB HAMILTON | 537 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB HARLAN | 556 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB HAYES | 711 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB HITCHCOCK | 712 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB HOLT | 2,405 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB HOOKER | 722 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB HOWARD | 564 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB JEFFERSON | 577 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB JOHNSON | 377 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB KEARNEY | 512 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB KEITH | 1,032 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB KEYA PAHA | 768 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB KIMBALL | 953 | PLAINS | 0- 300 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| NB | KNOX | 1,107 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | LANCASTER | 845 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | LINCOLN | 2,522 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | LOGAN | 570 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | LOUP | 574 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | MC PHERSON | 856 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | MADISON | 572 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | MERRICK | 480 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | MORRILL | 1,402 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | NANCE | 439 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | NEMAHA | 400 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NB | NUCKOLLS | 579 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | OTOE | 619 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NB | PAWNEE | 433 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | PERKINS | 885 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | PHELPS | 544 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | PIERCE | 573 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | PLATTE | 667 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | POLK | 432 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | RED WILLOW | 686 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | RICHARDSON | 550 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NB | ROCK | 1,009 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | SALINE | 575 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | SARPY | 239 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NB | SAUNDERS | 759 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | SCOTTS BLUFF | 726 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | SEWARD | 571 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | SHERIDAN | 2,462 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | SHERMAN | 567 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | SIOUX | 2,063 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | STANTON | 431 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | THAYER | 577 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | THOMAS | 716 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | THURSTON | 388 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NB | VALLEY | 569 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | WASHINGTON | 386 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NB | WAYNE | 443 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | WEBSTER | 575 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NB | WHEELER | 576 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NB | YORK | 577 | PLAINS | 0- 300 | 6-15 | 3-400 |
| | NEVADA | 109,889 | | | | |
| NV | CHURCHILL | 4,883 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| NV | CLARK | 7,874 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| NV | DOUGLAS | 703 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| NV | ELKO | 17,162 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| NV | ESMERALDA | 3,570 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| NV | EUREKA | 4,182 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| NV | HUMBOLDT | 9,702 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| NV | LANDER | 5,621 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| NV | LINCOLN | 10,649 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| NV | LYON | 2,030 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| NV | MINERAL | 3,765 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| NV | NYE | 18,064 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| | ORMSBY | 0 | | | | |
| NV | PERSHING | 6,001 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| NV | STOREY | 262 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| NV | WASHOE | 6,366 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| NV | WHITE PINE | 8,904 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| | CARSON CITY CITY | 150 | | | | |
| | NEW HAMPSHIRE | 9,027 | | | | |
| NH | BELKNAP | 400 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| NH | CARROLL | 938 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| NH | CHESHIRE | 715 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NH | COOS | 1,820 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| NH | GRAFTON | 1,732 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| NH | HILLSBOROUGH | 887 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NH | MERRIMACK | 930 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| NH | ROCKINGHAM | 691 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| NH | STRAFFORD | 376 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NH | SULLIVAN | 539 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| | NEW JERSEY | 7,521 | | | | |
| NJ | ATLANTIC | 569 | HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| NJ | BERGEN | 234 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| NJ | BURLINGTON | 819 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NJ | CAMDEN | 221 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NJ | CAPE MAY | 267 | HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| NJ | CUMBERLAND | 500 | HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| NJ | ESSEX | 130 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| NJ | GLOUCESTER | 329 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NJ | HUDSON | 47 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| NJ | HUNTERDON | 423 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NJ | MERCER | 228 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NJ | MIDDLESEX | 312 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NJ | MONMOUTH | 476 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NJ | MORRIS | 468 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| NJ | OCEAN | 642 | HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| NJ | PASSAIC | 192 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NJ | SALEM | 365 | HILLS-MTNS | 0- 300 | 6-15 | 3-400 |
| NJ | SOMERSET | 307 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NJ | SUSSEX | 527 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NJ | UNION | 103 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| NJ | WARREN | 362 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| | NEW MEXICO | 121,412 | | | | |
| NM | BERNALILLO | 1,169 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 500- |
| NM | CATRON | 6,897 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 500- |
| NM | CHAVES | 6,084 | PLAINS | 0- 300 | 26-35 | 500- |
| NM | COLFAX | 3,764 | TABLELANDS | 5-1000 | 26-35 | 4-500 |
| NM | CURRY | 1,403 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| NM | DE BACA | 2,356 | TABLELANDS | 3- 500 | 26-35 | 500- |
| NM | DONA ANA | 3,804 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| NM | EDDY | 4,167 | PLAINS | 0- 300 | 26-35 | 500- |
| NM | GRANT | 3,970 | HILLS-MTNS | 3000+ | 26-35 | 500- |
| NM | GUADALUPE | 2,998 | TABLELANDS | 3- 500 | 26-35 | 500- |
| NM | HARDING | 2,134 | TABLELANDS | 5-1000 | 26-35 | 4-500 |
| NM | HIDALGO | 3,447 | PLAINS-HILLS-MTNS | 5-1000 | 26-35 | 500- |
| NM | LEA | 4,393 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NM | LINCOLN | 4,858 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| NM | LOS ALAMOS | 108 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 500- |
| NM | LUNA | 2,957 | PLAINS-HILLS-MTNS | 5-1000 | 26-35 | 500- |
| NM | MC KINLEY | 5,454 | TABLELANDS | 5-1000 | 26-35 | 500- |
| NM | MORA | 1,940 | TABLELANDS | 5-1000 | 26-35 | 4-500 |
| NM | OTERO | 6,638 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 500- |
| NM | QUAY | 2,875 | TABLELANDS | 3- 500 | 26-35 | 4-500 |
| NM | RIO ARRIBA | 5,843 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| NM | ROOSEVELT | 2,454 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NM | SANDOVAL | 3,714 | TABLELANDS | 5-1000 | 26-35 | 500- |
| NM | SAN JUAN | 5,500 | TABLELANDS | 5-1000 | 26-35 | 500- |
| NM | SAN MIGUEL | 4,741 | TABLELANDS | 5-1000 | 26-35 | 500- |
| NM | SANTA FE | 1,902 | TABLELANDS | 5-1000 | 26-35 | 500- |
| NM | SIERRA | 4,166 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 500- |
| NM | SOCORRO | 6,603 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 500- |
| NM | TAOS | 2,256 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| NM | TORRANCE | 3,346 | TABLELANDS | 3- 500 | 26-35 | 500- |
| NM | UNION | 3,816 | TABLELANDS | 5-1000 | 26-35 | 4-500 |
| NM | VALENCIA | 5,656 | TABLELANDS | 3000+ | 26-35 | 500- |
| | NEW YORK | -10,000,007 | | | | |
| NY | ALBANY | 526 | HILLS-MTNS | 1-3000 | 6-15 | -300 |
| NY | ALLEGANY | 1,047 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NY | BRONX | 41 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | BROOME | 714 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| NY | CATTARAUGUS | 1,318 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NY | CAYUGA | 698 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | CHAUTAUQUA | 1,081 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| NY | CHEMUNG | 415 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NY | CHENANGO | 903 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| NY | CLINTON | 1,059 | TABLELANDS | 5-1000 | 6-15 | -300 |
| NY | COLUMBIA | 645 | TABLELANDS | 3- 500 | 6-15 | -300 |
| NY | CORTLAND | 502 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| NY | DELAWARE | 1,443 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| NY | DUTCHESS | 813 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| NY | ERIE | 1,058 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | ESSEX | 1,823 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| NY | FRANKLIN | 1,674 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| NY | FULTON | 498 | TABLELANDS | 3- 500 | 6-15 | -300 |
| NY | GENESEE | 501 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | GREENE | 653 | HILLS-MTNS | 1-3000 | 6-15 | -300 |
| NY | HAMILTON | 1,735 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| NY | HERKIMER | 1,435 | TABLELANDS | 3- 500 | 6-15 | -300 |
| NY | JEFFERSON | 1,294 | PLAINS | 0- 300 | 6-15 | -300 |
| NY | KINGS | 70 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | LEWIS | 1,291 | TABLELANDS | 3- 500 | 6-15 | -300 |
| NY | LIVINGSTON | 638 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| NY | MADISON | 661 | TABLELANDS | 3- 500 | 6-15 | -300 |
| NY | MONROE | 675 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | MONTGOMERY | 408 | TABLELANDS | 3- 500 | 6-15 | -300 |
| NY | NASSAU | 289 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | NEW YORK | 23 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | NIAGARA | 532 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | ONEIDA | 1,223 | PLAINS | 0- 300 | 6-15 | -300 |
| NY | ONONDAGA | 794 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| NY | ONTARIO | 651 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | ORANGE | 833 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| NY | ORLEANS | 396 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | OSWEGO | 964 | PLAINS | 0- 300 | 6-15 | -300 |
| NY | OTSEGO | 1,013 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | -300 |
| NY | PUTNAM | 231 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NY | QUEENS | 108 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | RENSSELAER | 665 | TABLELANDS | 3- 500 | 6-15 | -300 |
| NY | RICHMOND | 58 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | ROCKLAND | 176 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NY | ST LAWRENCE | 2,768 | PLAINS | 0- 300 | 6-15 | -300 |
| NY | SARATOGA | 818 | TABLELANDS | 3- 500 | 6-15 | -300 |
| NY | SCHENECTADY | 207 | TABLELANDS | 3- 500 | 6-15 | -300 |
| NY | SCHOHARIE | 624 | HILLS-MTNS | 1-3000 | 6-15 | -300 |
| NY | SCHUYLER | 330 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| NY | SENECA | 330 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NY | STEUBEN | 1,410 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NY | SUFFOLK | 929 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | SULLIVAN | 983 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| NY | TIOGA | 524 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NY | TOMPKINS | 482 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| NY | ULSTER | 1,141 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| NY | WARREN | 867 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| NY | WASHINGTON | 836 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | -300 |
| NY | WAYNE | 606 | PLAINS | 0- 300 | 6-15 | 3-400 |
| NY | WESTCHESTER | 443 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| NY | WYOMING | 598 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| NY | YATES | 343 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| | NORTH CAROLINA | 48,798 | | | | |
| NC | ALAMANCE | 428 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | ALEXANDER | 259 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NC | ALLEGHANY | 225 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | ANSON | 533 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | ASHE | 426 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | AVERY | 245 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | BEAUFORT | 826 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| NC | BERTIE | 698 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | BLADEN | 883 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | BRUNSWICK | 856 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | BUNCOMBE | 657 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | BURKE | 511 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | CABARRUS | 363 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | CALDWELL | 469 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | CAMDEN | 239 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | CARTERET | 536 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | CASWELL | 428 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | CATAWBA | 394 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NC | CHATHAM | 709 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | CHEROKEE | 452 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | CHOWAN | 173 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | CLAY | 209 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | CLEVELAND | 468 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | COLUMBUS | 945 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | CRAVEN | 699 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | CUMBERLAND | 654 | PLAINS | 0- 300 | 26-35 | 4-500 |
| NC | CURRITUCK | 246 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | DARE | 391 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | DAVIDSON | 549 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | DAVIE | 265 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | DUPLIN | 815 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | DURHAM | 295 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | EDGECOMBE | 510 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | FORSYTH | 419 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | FRANKLIN | 491 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | GASTON | 356 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | GATES | 337 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | GRAHAM | 292 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | GRANVILLE | 537 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | GREENE | 267 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | GUILFORD | 655 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | HALIFAX | 734 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | HARNETT | 603 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | HAYWOOD | 551 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | HENDERSON | 378 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | HERTFORD | 353 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | HOKE | 389 | PLAINS | 0- 300 | 26-35 | 4-500 |
| NC | HYDE | 613 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | IREDELL | 572 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | JACKSON | 491 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | JOHNSTON | 797 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | JONES | 467 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | LEE | 256 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | LENOIR | 400 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | LINCOLN | 297 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | MC DOWELL | 436 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| NC | MACON | 513 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | MADISON | 450 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | MARTIN | 455 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | MECKLENBURG | 530 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | MITCHELL | 215 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | MONTGOMERY | 468 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| NC | MOORE | 704 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | NASH | 544 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | NEW HANOVER | 185 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | NORTHAMPTON | 536 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | ONSLOW | 765 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | ORANGE | 400 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | PAMLICO | 338 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | PASQUOTANK | 228 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | PENDER | 871 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | PERQUIMANS | 246 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | PERSON | 401 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | PITT | 655 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | POLK | 239 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | RANDOLPH | 798 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| NC | RICHMOND | 475 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | ROBESON | 949 | PLAINS | 0- 300 | 26-35 | 4-500 |
| NC | ROCKINGHAM | 569 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | ROWAN | 523 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | RUTHERFORD | 563 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NC | SAMPSON | 945 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | SCOTLAND | 319 | PLAINS | 0- 300 | 26-35 | 4-500 |
| NC | STANLY | 398 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | STOKES | 457 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NC | SURRY | 536 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NC | SWAIN | 524 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | TRANSYLVANIA | 382 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | TYRRELL | 390 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | UNION | 639 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | VANCE | 249 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | WAKE | 858 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | WARREN | 424 | PLAINS | 0- 300 | 16-25 | 3-400 |
| NC | WASHINGTON | 343 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | WATAUGA | 317 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| NC | WAYNE | 557 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | WILKES | 757 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NC | WILSON | 375 | PLAINS | 0- 300 | 16-25 | 4-500 |
| NC | YADKIN | 336 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| NC | YANCEY | 312 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| | NORTH DAKOTA | 69,273 | | | | |
| ND | ADAMS | 989 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| ND | BARNES | 1,479 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | BENSON | 1,403 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | BILLINGS | 1,139 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| ND | BOTTINEAU | 1,677 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | BOWMAN | 1,170 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| ND | BURKE | 1,119 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | BURLEIGH | 1,625 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | CASS | 1,749 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | CAVALIER | 1,512 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | DICKEY | 1,143 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | DIVIDE | 1,300 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | DUNN | 1,992 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| ND | EDDY | 635 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | EMMONS | 1,503 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | FOSTER | 645 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | GOLDEN VALLEY | 1,014 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| ND | GRAND FORKS | 1,438 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | GRANT | 1,666 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| ND | GRIGGS | 710 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | HETTINGER | 1,134 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| ND | KIDDER | 1,358 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | LA MOURE | 1,136 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | LOGAN | 1,001 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | MC HENRY | 1,879 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | MC INTOSH | 992 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | MC KENZIE | 2,735 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| ND | MC LEAN | 2,065 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | MERCER | 1,042 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| ND | MORTON | 1,920 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| ND | MOUNTRAIL | 1,819 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | NELSON | 995 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | OLIVER | 721 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| ND | PEMBINA | 1,124 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | PIERCE | 1,038 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | RAMSEY | 1,248 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | RANSOM | 861 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | RENVILLE | 886 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | RICHLAND | 1,449 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | ROLETTE | 913 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | SARGENT | 853 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | SHERIDAN | 989 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | SIOUX | 1,103 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| ND | SLOPE | 1,225 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| ND | STARK | 1,316 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| ND | STEELE | 710 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | STUTSMAN | 2,264 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | TOWNER | 1,043 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | TRAILL | 861 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | WALSH | 1,286 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | WARD | 2,044 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | WELLS | 1,299 | PLAINS | 0- 300 | 6-15 | 3-400 |
| ND | WILLIAMS | 2,064 | TABLELANDS | 3- 500 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| | OHIO | 40,975 | | | | |
| OH | ADAMS | 587 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| OH | ALLEN | 410 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | ASHLAND | 424 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| OH | ASHTABULA | 700 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | ATHENS | 504 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | AUGLAIZE | 400 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | BELMONT | 534 | HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| OH | BROWN | 490 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| OH | BUTLER | 471 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| OH | CARROLL | 390 | HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| OH | CHAMPAIGN | 432 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | CLARK | 402 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | CLERMONT | 458 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| OH | CLINTON | 410 | PLAINS | 0- 300 | 16-25 | 3-400 |
| OH | COLUMBIANA | 534 | HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| OH | COSHOCTON | 562 | HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| OH | CRAWFORD | 404 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | CUYAHOGA | 456 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| OH | DARKE | 605 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | DEFIANCE | 412 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | DELAWARE | 450 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | ERIE | 264 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | FAIRFIELD | 505 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| OH | FAYETTE | 404 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | FRANKLIN | 538 | PLAINS | 0- 300 | 16-25 | 3-400 |
| OH | FULTON | 407 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | GALLIA | 471 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | GEAUGA | 407 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | GREENE | 415 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | GUERNSEY | 528 | HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| OH | HAMILTON | 414 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| OH | HANCOCK | 532 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | HARDIN | 467 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | HARRISON | 401 | HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| OH | HENRY | 416 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | HIGHLAND | 549 | PLAINS | 0- 300 | 16-25 | 3-400 |
| OH | HOCKING | 421 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | HOLMES | 424 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| OH | HURON | 497 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | JACKSON | 419 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | JEFFERSON | 411 | HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| OH | KNOX | 531 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| OH | LAKE | 231 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | LAWRENCE | 456 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | LICKING | 686 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| OH | LOGAN | 460 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | LORAIN | 495 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | LUCAS | 343 | PLAINS | 0- 300 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| OH | MADISON | 463 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | MAHONING | 415 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | MARION | 405 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | MEDINA | 425 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | MEIGS | 436 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | MERCER | 444 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | MIAMI | 407 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | MONROE | 456 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | MONTGOMERY | 459 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | MORGAN | 420 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | MORROW | 403 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | MUSKINGUM | 651 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | NOBLE | 398 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | OTTAWA | 261 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | PAULDING | 417 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | PERRY | 410 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | PICKAWAY | 504 | PLAINS | 0- 300 | 16-25 | 3-400 |
| OH | PIKE | 443 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | PORTAGE | 495 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | PREBLE | 427 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | PUTNAM | 486 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | RICHLAND | 496 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| OH | ROSS | 687 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | SANDUSKY | 409 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | SCIOTO | 608 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | SENECA | 551 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | SHELBY | 408 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | STARK | 576 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | SUMMIT | 408 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| OH | TRUMBULL | 608 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | TUSCARAWAS | 569 | HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| OH | UNION | 434 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | VAN WERT | 409 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | VINTON | 411 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | WARREN | 408 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| OH | WASHINGTON | 641 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| OH | WAYNE | 561 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| OH | WILLIAMS | 421 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | WOOD | 619 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OH | WYANDOT | 406 | PLAINS | 0- 300 | 6-15 | 3-400 |
| | OKLAHOMA | 68,782 | | | | |
| OK | ADAIR | 570 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| OK | ALFALFA | 868 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | ATOKA | 991 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | BEAVER | 1,790 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| OK | BECKHAM | 907 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | BLAINE | 917 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | BRYAN | 889 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | CADDO | 1,272 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| OK | CANADIAN | 897 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | CARTER | 830 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | CHEROKEE | 756 | HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| OK | CHOCTAW | 778 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | CIMARRON | 1,843 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | CLEVELAND | 527 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | COAL | 526 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | COMANCHE | 1,084 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | COTTON | 651 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | CRAIG | 764 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OK | CREEK | 936 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | CUSTER | 980 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | DELAWARE | 707 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| OK | DEWEY | 1,018 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| OK | ELLIS | 1,242 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| OK | GARFIELD | 1,054 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | GARVIN | 814 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | GRADY | 1,096 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | GRANT | 1,007 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | GREER | 633 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | HARMON | 545 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | HARPER | 1,041 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | HASKELL | 602 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| OK | HUGHES | 807 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | JACKSON | 810 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | JEFFERSON | 780 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | JOHNSTON | 638 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | KAY | 950 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | KINGFISHER | 904 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | KIOWA | 1,027 | HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| OK | LATIMER | 737 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| OK | LE FLORE | 1,560 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| OK | LINCOLN | 973 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | LOGAN | 751 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | LOVE | 513 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | MC CLAIN | 573 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | MC CURTAIN | 1,800 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| OK | MC INTOSH | 608 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | MAJOR | 963 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | MARSHALL | 366 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | MAYES | 648 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| OK | MURRAY | 423 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | MUSKOGEE | 818 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | NOBLE | 743 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | NOWATA | 537 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | OKFUSKEE | 637 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | OKLAHOMA | 700 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | OKMULGEE | 700 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | OSAGE | 2,272 | PLAINS | 0- 300 | 6-15 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| OK | OTTAWA | 464 | PLAINS | 0- 300 | 6-15 | 3-400 |
| OK | PAWNEE | 561 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | PAYNE | 694 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | PITTSBURG | 1,241 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| OK | PONTOTOC | 714 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | POTTAWATOMIE | 794 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | PUSHMATAHA | 1,420 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| OK | ROGER MILLS | 1,140 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| OK | ROGERS | 685 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | SEMINOLE | 630 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | SEGUOYAH | 696 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| OK | STEPHENS | 891 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | TEXAS | 2,062 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | TILLMAN | 901 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | TULSA | 573 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | WAGONER | 563 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | WASHINGTON | 424 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| OK | WASHITA | 1,009 | PLAINS | 0- 300 | 16-25 | 4-500 |
| OK | WOODS | 1,298 | PLAINS | 0- 300 | 6-15 | 4-500 |
| OK | WOODWARD | 1,251 | PLAINS | 0- 300 | 6-15 | 4-500 |
| | OREGON | 96,184 | | | | |
| OR | BAKER | 3,068 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR | BENTON | 668 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| OR | CLACKAMAS | 1,884 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR | CLATSOP | 805 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| OR | COLUMBIA | 639 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| OR | COOS | 1,604 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| OR | CROOK | 2,975 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR | CURRY | 1,627 | HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| OR | DESCHUTES | 3,031 | TABLELANDS | 1-3000 | 16-25 | 3-400 |
| OR | DOUGLAS | 5,063 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| OR | GILLIAM | 1,208 | TABLELANDS | 3000+ | 16-25 | 3-400 |
| OR | GRANT | 4,530 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR | HARNEY | 10,166 | TABLELANDS | 1-3000 | 16-25 | 3-400 |
| OR | HOOD RIVER | 523 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR | JACKSON | 2,812 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR | JEFFERSON | 1,793 | TABLELANDS | 3000+ | 16-25 | 3-400 |
| OR | JOSEPHINE | 1,625 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR | KLAMATH | 5,970 | TABLELANDS | 1-3000 | 16-25 | 3-400 |
| OR | LAKE | 8,231 | TABLELANDS | 1-3000 | 16-25 | 3-400 |
| OR | LANE | 4,552 | HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| OR | LINCOLN | 986 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| OR | LINN | 2,283 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR | MALHEUR | 9,859 | TABLELANDS | 3000+ | 16-25 | 3-400 |
| OR | MARION | 1,166 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR | MORROW | 2,060 | TABLELANDS | 3000+ | 16-25 | 3-400 |
| OR | MULTNOMAH | 423 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| OR | POLK | 736 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| OR | SHERMAN | 830 | TABLELANDS | 3000+ | 16-25 | 3-400 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| OR TILLAMOOK | 1,115 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| OR UMATILLA | 3,227 | TABLELANDS | 3000+ | 16-25 | 3-400 |
| OR UNION | 2,032 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR WALLOWA | 3,178 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR WASCO | 2,381 | TABLELANDS | 3000+ | 16-25 | 3-400 |
| OR WASHINGTON | 716 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| OR WHEELER | 1,707 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| OR YAMHILL | 711 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| PENNSYLVANIA | 44,966 | | | | |
| PA ADAMS | 526 | PLAINS | 0- 300 | 6-15 | 3-400 |
| PA ALLEGHENY | 728 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA ARMSTRONG | 652 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA BEAVER | 440 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA BEDFORD | 1,018 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA BERKS | 862 | PLAINS-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA BLAIR | 530 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA BRADFORD | 1,148 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| PA BUCKS | 614 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| PA BUTLER | 794 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA CAMBRIA | 692 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA CAMERON | 401 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA CARBON | 404 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA CENTRE | 1,115 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA CHESTER | 761 | PLAINS | 0- 300 | 16-25 | 3-400 |
| PA CLARION | 597 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA CLEARFIELD | 1,139 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA CLINTON | 899 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA COLUMBIA | 484 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA CRAWFORD | 1,012 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| PA CUMBERLAND | 555 | PLAINS | 0- 300 | 6-15 | 3-400 |
| PA DAUPHIN | 518 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA DELAWARE | 184 | PLAINS | 0- 300 | 16-25 | 3-400 |
| PA ELK | 807 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA ERIE | 813 | PLAINS | 0- 300 | 6-15 | 3-400 |
| PA FAYETTE | 802 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA FOREST | 419 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA FRANKLIN | 754 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA FULTON | 435 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA GREENE | 578 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA HUNTINGDON | 895 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA INDIANA | 825 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA JEFFERSON | 652 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA JUNIATA | 386 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA LACKAWANNA | 454 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA LANCASTER | 946 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| PA LAWRENCE | 367 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA LEBANON | 363 | PLAINS | 0- 300 | 16-25 | 3-400 |
| PA LEHIGH | 348 | PLAINS-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA LUZERNE | 886 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| PA LYCOMING | 1,216 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA MC KEAN | 992 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| PA MERCER | 670 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| PA MIFFLIN | 431 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA MONROE | 611 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA MONTGOMERY | 496 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| PA MONTOUR | 130 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA NORTHAMPTON | 376 | PLAINS-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA NORTHUMBERLAND | 453 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA PERRY | 551 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA PHILADELPHIA | 129 | PLAINS | 0- 300 | 16-25 | 3-400 |
| PA PIKE | 542 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| PA POTTER | 1,092 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| PA SCHUYLKILL | 784 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA SNYDER | 327 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA SOMERSET | 1,078 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA SULLIVAN | 478 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA SUSQUEHANNA | 833 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA TIOGA | 1,146 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| PA UNION | 318 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA VENANGO | 678 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| PA WARREN | 905 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| PA WASHINGTON | 857 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA WAYNE | 741 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA WESTMORELAND | 1,024 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| PA WYOMING | 398 | OPEN-HILLS-MTNS | 5-1000 | 6-15 | 3-400 |
| PA YORK | 909 | PLAINS | 0- 300 | 16-25 | 3-400 |
| RHODE ISLAND | 1,049 | | | | |
| RI BRISTOL | 25 | PLAINS | 0- 300 | 6-15 | 3-400 |
| RI KENT | 173 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| RI NEWPORT | 115 | PLAINS | 0- 300 | 6-15 | 3-400 |
| RI PROVIDENCE | 416 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| RI WASHINGTON | 321 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| SOUTH CAROLINA | 30,225 | | | | |
| SC ABBEVILLE | 506 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC AIKEN | 1,087 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC ALLENDALE | 418 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC ANDERSON | 749 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC BAMBERG | 395 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC BARNWELL | 553 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC BEAUFORT | 579 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC BERKELEY | 1,110 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC CALHOUN | 377 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC CHARLESTON | 939 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC CHEROKEE | 394 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC CHESTER | 584 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC CHESTERFIELD | 790 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC CLARENDON | 599 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC COLLETON | 1,049 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| SC | DARLINGTON | 543 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | DILLON | 407 | PLAINS | 0- 300 | 26-35 | 4-500 |
| SC | DORCHESTER | 569 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | EDGEFIELD | 482 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | FAIRFIELD | 696 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | FLORENCE | 805 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | GEORGETOWN | 812 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | GREENVILLE | 792 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | GREENWOOD | 446 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | HAMPTON | 562 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | HORRY | 1,154 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | JASPER | 652 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | KERSHAW | 781 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | LANCASTER | 502 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | LAURENS | 711 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | LEE | 409 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | LEXINGTON | 717 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | MC CORMICK | 360 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | MARION | 487 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | MARLBORO | 483 | PLAINS | 0- 300 | 26-35 | 4-500 |
| SC | NEWBERRY | 635 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | OCONEE | 654 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| SC | ORANGEBURG | 1,106 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | PICKENS | 492 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| SC | RICHLAND | 748 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | SALUDA | 458 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | SPARTANBURG | 831 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | SUMTER | 672 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | UNION | 514 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SC | WILLIAMSBURG | 935 | PLAINS | 0- 300 | 16-25 | 4-500 |
| SC | YORK | 684 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | SOUTH DAKOTA | 75,955 | | | | |
| | ARMSTRONG | 0 | | | | |
| SD | AURORA | 709 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | BEADLE | 1,259 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | BENNETT | 1,181 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| SD | BON HOMME | 560 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | BROOKINGS | 800 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | BROWN | 1,674 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | BRULE | 818 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | BUFFALO | 482 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | BUTTE | 2,250 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | CAMPBELL | 732 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | CHARLES MIX | 1,097 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | CLARK | 964 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| SD | CLAY | 405 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | CODINGTON | 687 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | CORSON | 2,470 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| SD | CUSTER | 1,557 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| SD | DAVISON | 432 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | DAY | 1,030 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| SD | DEUEL | 639 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| SD | DEWEY | 2,351 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| SD | DOUGLAS | 435 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | EDMUNDS | 1,154 | PLAINS | 0- 300 | 6-15 | 3-400 |
| SD | FALL RIVER | 1,743 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| SD | FAULK | 996 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | GRANT | 681 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | GREGORY | 997 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | HAAKON | 1,816 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| SD | HAMLIN | 511 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | HAND | 1,432 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | HANSON | 430 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | HARDING | 2,682 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| SD | HUGHES | 748 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | HUTCHINSON | 815 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | HYDE | 863 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | JACKSON | 808 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| SD | JERAULD | 527 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | JONES | 973 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| SD | KINGSBURY | 818 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | LAKE | 567 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | LAWRENCE | 800 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| SD | LINCOLN | 576 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | LYMAN | 1,683 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| SD | MC COOK | 575 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | MC PHERSON | 1,147 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | MARSHALL | 848 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| SD | MEADE | 3,465 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| SD | MELLETTE | 1,306 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| SD | MINER | 570 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | MINNEHAHA | 813 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | MOODY | 523 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | PENNINGTON | 2,779 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| SD | PERKINS | 2,860 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| SD | POTTER | 869 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | ROBERTS | 1,108 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | SANBORN | 570 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | SHANNON | 2,100 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| SD | SPINK | 1,505 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | STANLEY | 1,414 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| SD | SULLY | 1,004 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | TODD | 1,388 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| SD | TRIPP | 1,620 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| SD | TURNER | 612 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | UNION | 452 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | WALWORTH | 718 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD | WASHABAUGH | 1,061 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| WASHINGTON | 0 | | | | |
| SD YANKTON | 519 | PLAINS | 0- 300 | 16-25 | 3-400 |
| SD ZIEBACH | 1,981 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| TENNESSEE | 41,328 | | | | |
| TN ANDERSON | 335 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN BEDFORD | 482 | PLAINS-HILLS-MTNS | 3- 500 | | 3-400 |
| TN BENTON | 392 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN BLEDSOE | 404 | HILLS-MTNS | 1-3000 | | 3-400 |
| TN BLOUNT | 575 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN BRADLEY | 334 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN CAMPBELL | 451 | HILLS-MTNS | 1-3000 | | 3-400 |
| TN CANNON | 271 | TABLELANDS | 3- 500 | | 3-400 |
| TN CARROLL | 596 | PLAINS | 0- 300 | | 3-400 |
| TN CARTER | 348 | OPEN-HILLS-MTNS | 1-3000 | | 3-400 |
| TN CHEATHAM | 305 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN CHESTER | 285 | PLAINS | 0- 300 | | 3-400 |
| TN CLAIBORNE | 444 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN CLAY | 233 | OPEN-HILLS-MTNS | 5-1000 | | 3-400 |
| TN COCKE | 424 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN COFFEE | 434 | TABLELANDS | 3- 500 | | 3-400 |
| TN CROCKETT | 269 | PLAINS | 0- 300 | | 3-400 |
| TN CUMBERLAND | 678 | OPEN-HILLS-MTNS | 1-3000 | | 3-400 |
| TN DAVIDSON | 508 | PLAINS-HILLS-MTNS | 3- 500 | | 3-400 |
| TN DECATUR | 337 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN DE KALB | 278 | TABLELANDS | 3- 500 | | 3-400 |
| TN DICKSON | 485 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN DYER | 529 | PLAINS | 0- 300 | | 3-400 |
| TN FAYETTE | 704 | PLAINS | 0- 300 | | 3-400 |
| TN FENTRESS | 498 | TABLELANDS | 5-1000 | | 3-400 |
| TN FRANKLIN | 553 | OPEN-HILLS-MTNS | 1-3000 | | 3-400 |
| TN GIBSON | 607 | PLAINS | 0- 300 | | 3-400 |
| TN GILES | 619 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN GRAINGER | 282 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN GREENE | 613 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN GRUNDY | 358 | TABLELANDS | 5-1000 | | 3-400 |
| TN HAMBLEN | 155 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN HAMILTON | 550 | PLAINS-HILLS-MTNS | 3- 500 | | 3-400 |
| TN HANCOCK | 230 | OPEN-HILLS-MTNS | 1-3000 | | 3-400 |
| TN HARDEMAN | 656 | PLAINS | 0- 300 | | 3-400 |
| TN HARDIN | 587 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN HAWKINS | 480 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN HAYWOOD | 519 | PLAINS | 0- 300 | | 3-400 |
| TN HENDERSON | 515 | PLAINS | 0- 300 | | 3-400 |
| TN HENRY | 567 | PLAINS | 0- 300 | | 3-400 |
| TN HICKMAN | 610 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN HOUSTON | 201 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN HUMPHREYS | 530 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN JACKSON | 323 | OPEN-HILLS-MTNS | 5-1000 | | 3-400 |
| TN JEFFERSON | 274 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| TN | JOHNSON | 293 | OPEN-HILLS-MTNS | 1-3000 | | 3-400 |
| TN | KNOX | 508 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN | LAKE | 167 | PLAINS | 0- 300 | | 3-400 |
| TN | LAUDERDALE | 477 | PLAINS | 0- 300 | | 3-400 |
| TN | LAWRENCE | 634 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN | LEWIS | 285 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN | LINCOLN | 580 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN | LOUDON | 237 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| | MC MINN | 432 | | | | |
| TN | MC NAIRY | 569 | PLAINS | 0- 300 | | 3-400 |
| TN | MACON | 304 | PLAINS | 0- 300 | | 3-400 |
| TN | MADISON | 560 | PLAINS | 0- 300 | | 3-400 |
| TN | MARION | 506 | OPEN-HILLS-MTNS | 1-3000 | | 3-400 |
| TN | MARSHALL | 377 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN | MAURY | 614 | PLAINS-HILLS-MTNS | 3- 500 | | 3-400 |
| TN | MEIGS | 191 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN | MONROE | 660 | HILLS-MTNS | 1-3000 | | 3-400 |
| TN | MONTGOMERY | 539 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN | MOORE | 124 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN | MORGAN | 539 | OPEN-HILLS-MTNS | 1-3000 | | 3-400 |
| TN | OBION | 556 | PLAINS | 0- 300 | | 3-400 |
| TN | OVERTON | 441 | TABLELANDS | 3- 500 | | 3-400 |
| TN | PERRY | 411 | OPEN-HILLS-MTNS | 3- 500 | | 3-400 |
| TN | PICKETT | 158 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| TN | POLK | 434 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| TN | PUTNAM | 405 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| TN | RHEA | 312 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| TN | ROANE | 350 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| TN | ROBERTSON | 476 | PLAINS | 0- 300 | 16-25 | 3-400 |
| TN | RUTHERFORD | 612 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| TN | SCOTT | 544 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| TN | SEQUATCHIE | 273 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| TN | SEVIER | 597 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| TN | SHELBY | 755 | PLAINS | 0- 300 | 16-25 | 3-400 |
| TN | SMITH | 323 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| TN | STEWART | 470 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| TN | SULLIVAN | 413 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| TN | SUMNER | 534 | PLAINS | 0- 300 | 16-25 | 3-400 |
| TN | TIPTON | 459 | PLAINS | 0- 300 | 16-25 | 3-400 |
| TN | TROUSDALE | 114 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| TN | UNICOI | 185 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| TN | UNION | 212 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| TN | VAN BUREN | 254 | TABLELANDS | 5-1000 | 16-25 | 3-400 |
| TN | WARREN | 439 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| TN | WASHINGTON | 323 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| TN | WAYNE | 739 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| TN | WEAKLEY | 576 | PLAINS | 0- 300 | 16-25 | 3-400 |
| TN | WHITE | 382 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| TN | WILLIAMSON | 593 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| TN | WILSON | 567 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| | TEXAS | 262,134 | | | | |
| TX | ANDERSON | 1,072 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | ANDREWS | 1,504 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | ANGELINA | 738 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | ARANSAS | 275 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | ARCHER | 913 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | ARMSTRONG | 907 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | ATASCOSA | 1,206 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | AUSTIN | 663 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BAILEY | 835 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BANDERA | 763 | HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | BASTROP | 890 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BAYLOR | 845 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | BEE | 842 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BELL | 1,047 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BEXAR | 1,246 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BLANCO | 719 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | BORDEN | 907 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | BOSQUE | 990 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | BOWIE | 891 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BRAZORIA | 1,423 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BRAZOS | 586 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BREWSTER | 6,204 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 500- |
| TX | BRISCOE | 874 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | BROOKS | 904 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BROWN | 938 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BURLESON | 670 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | BURNET | 996 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | CALDWELL | 544 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | CALHOUN | 527 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | CALLAHAN | 856 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | CAMERON | 896 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | CAMP | 192 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | CARSON | 900 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | CASS | 941 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | CASTRO | 880 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | CHAMBERS | 616 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | CHEROKEE | 1,049 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | CHILDRESS | 699 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | CLAY | 1,102 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | COCHRAN | 783 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | COKE | 911 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | COLEMAN | 1,280 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | COLLIN | 836 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | COLLINGSWORTH | 894 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | COLORADO | 949 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | COMAL | 567 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | COMANCHE | 944 | TABLELANDS | 3- 500 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| TX | CONCHO | 1,004 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | COOKE | 905 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | CORYELL | 1,043 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | COTTLE | 900 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | CRANE | 795 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | CROCKETT | 2,794 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | CROSBY | 911 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | CULBERSON | 3,851 | HILLS-MTNS | 1-3000 | 16-25 | 500- |
| TX | DALLAM | 1,494 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | DALLAS | 859 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | DAWSON | 902 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | DEAF SMITH | 1,510 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | DELTA | 276 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | DENTON | 911 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | DE WITT | 910 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | DICKENS | 931 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | DIMMIT | 1,344 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | DONLEY | 905 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | DUVAL | 1,814 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | EASTLAND | 952 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | ECTOR | 907 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | EDWARDS | 2,076 | HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | ELLIS | 940 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | EL PASO | 1,057 | HILLS-MTNS | 3000+ | 16-25 | 500- |
| TX | ERATH | 1,085 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | FALLS | 764 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | FANNIN | 905 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | FAYETTE | 934 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | FISHER | 904 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | FLOYD | 993 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | FOARD | 676 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | FORT BEND | 869 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | FRANKLIN | 293 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | FREESTONE | 865 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | FRIO | 1,116 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | GAINES | 1,489 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | GALVESTON | 399 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | GARZA | 914 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | GILLESPIE | 1,055 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | GLASSCOCK | 863 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | GOLIAD | 871 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | GONZALES | 1,056 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | GRAY | 934 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| TX | GRAYSON | 940 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | GREGG | 282 | OPEN-HILLS-MTNS | 0- 300 | 16-25 | 4-500 |
| TX | GRIMES | 801 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | GUADALUPE | 714 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | HALE | 979 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | HALL | 885 | TABLELANDS | 3- 500 | 16-25 | 4-500 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| TX HAMILTON | 844 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX HANSFORD | 907 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX HARDEMAN | 687 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HARDIN | 897 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HARRIS | 1,723 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HARRISON | 894 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HARTLEY | 1,488 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX HASKELL | 877 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HAYS | 650 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX HEMPHILL | 904 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| TX HENDERSON | 943 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX HIDALGO | 1,543 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HILL | 1,010 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HOCKLEY | 908 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HOOD | 426 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX HOPKINS | 793 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HOUSTON | 1,237 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HOWARD | 911 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX HUDSPETH | 4,554 | HILLS-MTNS | 1-3000 | 16-25 | 500- |
| TX HUNT | 826 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX HUTCHINSON | 875 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| TX IRION | 1,073 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX JACK | 945 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX JACKSON | 850 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX JASPER | 907 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX JEFF DAVIS | 2,259 | HILLS-MTNS | 1-3000 | 16-25 | 500- |
| TX JEFFERSON | 951 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX JIM HOGG | 1,143 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX JIM WELLS | 845 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX JOHNSON | 740 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX JONES | 956 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX KARNES | 758 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX KAUFMAN | 815 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX KENDALL | 670 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX KENEDY | 1,394 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX KENT | 880 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX KERR | 1,101 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX KIMBLE | 1,274 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX KING | 944 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX KINNEY | 1,393 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX KLEBERG | 851 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX KNOX | 851 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX LAMAR | 894 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX LAMB | 1,022 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX LAMPASAS | 726 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX LA SALLE | 1,500 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX LAVACA | 975 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX LEE | 637 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX LEON | 1,102 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| TX | LIBERTY | 1,180 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | LIMESTONE | 931 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | LIPSCOMB | 934 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| TX | LIVE OAK | 1,055 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | LLANO | 941 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | LOVING | 648 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | LUBBOCK | 893 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | LYNN | 915 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MC CULLOCH | 1,066 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MC LENNAN | 1,000 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MC MULLEN | 1,159 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MADISON | 480 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MARION | 380 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MARTIN | 911 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MASON | 935 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | MATAGORDA | 1,157 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MAVERICK | 1,269 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MEDINA | 1,352 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MENARD | 914 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | MIDLAND | 939 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MILAM | 1,028 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MILLS | 734 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | MITCHELL | 920 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | MONTAGUE | 932 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | MONTGOMERY | 1,090 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MOORE | 909 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | MORRIS | 260 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | MOTLEY | 980 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | NACOGDOCHES | 902 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | NAVARRO | 1,070 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | NEWTON | 949 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | NOLAN | 922 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | NUECES | 841 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | OCHILTREE | 907 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | OLDHAM | 1,478 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| TX | ORANGE | 359 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | PALO PINTO | 948 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | PANOLA | 869 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | PARKER | 903 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | PARMER | 859 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | PECOS | 4,740 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | POLK | 1,100 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | POTTER | 898 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| TX | PRESIDIO | 3,892 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 500- |
| TX | RAINS | 210 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | RANDALL | 914 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | REAGAN | 1,132 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | REAL | 622 | HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | RED RIVER | 1,033 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| TX | REEVES | 2,608 | PLAINS | 0- 300 | 16-25 | 500- |
| TX | REFUGIO | 774 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | ROBERTS | 899 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| TX | ROBERTSON | 877 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | ROCKWALL | 147 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | RUNNELS | 1,058 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | RUSK | 939 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | SABINE | 456 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | SAN AUGUSTINE | 473 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | SAN JACINTO | 624 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | SAN PATRICIO | 685 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | SAN SABA | 1,120 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | SCHLEICHER | 1,331 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | SCURRY | 904 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | SHACKELFORD | 887 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| TX | SHELBY | 778 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | SHERMAN | 916 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | SMITH | 934 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | SOMERVELL | 197 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | STARR | 1,211 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | STEPHENS | 899 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | STERLING | 914 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | STONEWALL | 926 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | SUTTON | 1,493 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | SWISHER | 896 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | TARRANT | 861 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | TAYLOR | 912 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | TERRELL | 2,391 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | TERRY | 899 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | THROCKMORTON | 920 | PLAINS | 0- 300 | 6-15 | 4-500 |
| TX | TITUS | 418 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | TOM GREEN | 1,500 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | TRAVIS | 1,012 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | TRINITY | 707 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | TYLER | 919 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | UPSHUR | 584 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | UPTON | 1,312 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | UVALDE | 1,588 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| TX | VAL VERDE | 3,241 | HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| TX | VAN ZANDT | 845 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | VICTORIA | 892 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WALKER | 790 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WALLER | 509 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WARD | 827 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WASHINGTON | 594 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WEBB | 3,306 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WHARTON | 1,076 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WHEELER | 914 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| TX | WICHITA | 611 | PLAINS | 0- 300 | 16-25 | 4-500 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| TX | WILBARGER | 952 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WILLACY | 591 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WILLIAMSON | 1,104 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WILSON | 802 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WINKLER | 887 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | WISE | 922 | TABLELANDS | 3- 500 | 16-25 | 4-500 |
| TX | WOOD | 721 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | YOAKUM | 830 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | YOUNG | 888 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | ZAPATA | 957 | PLAINS | 0- 300 | 16-25 | 4-500 |
| TX | ZAVALA | 1,291 | PLAINS | 0- 300 | 16-25 | 4-500 |
| | UTAH | 82,096 | | | | |
| UT | BEAVER | 2,584 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| UT | BOX ELDER | 5,603 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| UT | CACHE | 1,174 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| UT | CARBON | 1,476 | OPEN-HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| UT | DAGGETT | 682 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| UT | DAVIS | 297 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| UT | DUCHESNE | 3,255 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| UT | EMERY | 4,439 | TABLELANDS | 5-1000 | 26-35 | 4-500 |
| UT | GARFIELD | 5,158 | TABLELANDS | 3000+ | 16-25 | 4-500 |
| UT | GRAND | 3,682 | TABLELANDS | 5-1000 | 26-35 | 4-500 |
| UT | IRON | 3,300 | PLAINS-HILLS-MTNS | 1-3000 | 26-35 | 4-500 |
| UT | JUAB | 3,412 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| UT | KANE | 3,904 | TABLELANDS | 1-3000 | 16-25 | 4-500 |
| UT | MILLARD | 6,793 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| UT | MORGAN | 607 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| UT | PIUTE | 754 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| UT | RICH | 1,023 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| UT | SALT LAKE | 764 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| UT | SAN JUAN | 7,707 | TABLELANDS | 1-3000 | 16-25 | 4-500 |
| UT | SANPETE | 1,597 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| UT | SEVIER | 1,929 | OPEN-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| UT | SUMMIT | 1,849 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| UT | TOOELE | 6,923 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| UT | UINTAH | 4,487 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| UT | UTAH | 2,014 | OPEN-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| UT | WASATCH | 1,191 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| UT | WASHINGTON | 2,427 | TABLELANDS | 3000+ | 26-35 | 4-500 |
| UT | WAYNE | 2,486 | PLAINS-HILLS-MTNS | 3000+ | 26-35 | 4-500 |
| UT | WEBER | 581 | PLAINS-HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| | VERMONT | 9,267 | | | | |
| VT | ADDISON | 784 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | -300 |
| VT | BENNINGTON | 672 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| VT | CALEDONIA | 612 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| VT | CHITTENDEN | 533 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | -300 |
| VT | ESSEX | 663 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| VT | FRANKLIN | 660 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | -300 |
| VT | GRAND ISLE | 83 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | -300 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| VT LAMOILLE | 474 | HILLS-MTNS | 1-3000 | 6-15 | -300 |
| VT ORANGE | 690 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| VT ORLEANS | 715 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| VT RUTLAND | 927 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| VT WASHINGTON | 707 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| VT WINDHAM | 784 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| VT WINDSOR | 962 | OPEN-HILLS-MTNS | 1-3000 | 6-15 | -300 |
| VIRGINA | 39,780 | | | | |
| VA ACCOMACK | 476 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA ALBEMARLE | 740 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA ALLEGHANY | 444 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA AMELIA | 366 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA AMHERST | 470 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA APPOMATTOX | 345 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA ARLINGTON | 26 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA AUGUSTA | 986 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA BATH | 540 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA BEDFORD | 727 | TABLELANDS | 5-1000 | 16-25 | 3-400 |
| VA BLAND | 369 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA BOTETOURT | 548 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA BRUNSWICK | 579 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA BUCHANAN | 508 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA BUCKINGHAM | 582 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA CAMPBELL | 529 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA CAROLINE | 545 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA CARROLL | 494 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA CHARLES CITY | 181 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA CHARLOTTE | 470 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA CHESTERFIELD | 442 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA CLARKE | 174 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA CRAIG | 336 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA CULPEPER | 389 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA CUMBERLAND | 291 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA DICKENSON | 332 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA DINWIDDIE | 507 | PLAINS | 0- 300 | 16-25 | 3-400 |
| ELIZABETH CITY | 0 | | | | |
| VA ESSEX | 250 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA FAIRFAX | 399 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA FAUQUIER | 660 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA FLOYD | 383 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA FLUVANNA | 288 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA FRANKLIN | 716 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA FREDERICK | 405 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA GILES | 363 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA GLOUCESTER | 228 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA GOOCHLAND | 289 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA GRAYSON | 452 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA GREENE | 153 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA GREENSVILLE | 299 | PLAINS | 0- 300 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| VA | HALIFAX | 796 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | HANOVER | 465 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | HENRICO | 229 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | HENRY | 381 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA | HIGHLAND | 416 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA | ISLE OF WIGHT | 317 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | JAMES CITY | 152 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | KING AND QUEEN | 318 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | KING GEORGE | 176 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | KING WILLIAM | 278 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | LANCASTER | 137 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | LEE | 438 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA | LOUDOUN | 517 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | LOUISA | 517 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | LUNENBERG | 442 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | MADISON | 327 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA | MATHEWS | 89 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | MECKLENBURG | 612 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | MIDDLESEX | 130 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | MONTGOMERY | 394 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA | NANSEMOND | 0 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | NELSON | 471 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | NEW KENT | 210 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | NORFOLK | 0 | | | | |
| VA | NORTHAMPTON | 220 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | NORTHUMBERLAND | 190 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | NOTTOWAY | 308 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | ORANGE | 355 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA | PAGE | 316 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA | PATRICK | 464 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA | PITTSYLVANIA | 1,001 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA | POWHATAN | 269 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | PRINCE EDWARD | 357 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | PRINCE GEORGE | 276 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | PRINCE WILLIAM | 347 | PLAINS | 0- 300 | 16-25 | 3-400 |
| | PRINCESS ANNE | 0 | | | | |
| VA | PULASKI | 328 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA | RAPPAHANNOCK | 267 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA | RICHMOND | 190 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | ROANOKE | 262 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA | ROCKBRIDGE | 601 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA | ROCKINGHAM | 865 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA | RUSSELL | 487 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA | SCOTT | 539 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA | SHENANDOAH | 507 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA | SMYTH | 435 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA | SOUTHAMPTON | 602 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | SPOTSYLVANIA | 409 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA | STAFFORD | 270 | PLAINS | 0- 300 | 16-25 | 3-400 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| VA SURRY | 277 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA SUSSEX | 494 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA TAZEWELL | 522 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA WARREN | 219 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WARWICK | 0 | | | | |
| VA WASHINGTON | 574 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA WESTMORELAND | 229 | PLAINS | 0- 300 | 16-25 | 3-400 |
| VA WISE | 412 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| VA WYTHE | 460 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| VA YORK | 129 | PLAINS | 0- 300 | 16-25 | 3-400 |
| ALEXANDRIA CITY | 15 | | | | |
| BEDFORD CITY | 7 | | | | |
| BRISTOL CITY | 4 | | | | |
| BUENA VISTA CITY | 7 | | | | |
| CHARLOTTESVILLE CITY | 10 | | | | |
| CHESAPEAKE CITY | 341 | | | | |
| CLIFTON FORGE CITY | 4 | | | | |
| COLONIAL HEIGHTS CITY | 8 | | | | |
| COVINGTON CITY | 4 | | | | |
| DANVILLE CITY | 17 | | | | |
| EMPORIA CITY | 2 | | | | |
| FAIRFAX CITY | 6 | | | | |
| FALLS CHURCH CITY | 2 | | | | |
| FRANKLIN CITY | 4 | | | | |
| FREDERICKSBURG CITY | 6 | | | | |
| GALAX CITY | 7 | | | | |
| HAMPTON CITY | 55 | | | | |
| HARRISONBURG CITY | 6 | | | | |
| HOPEWELL CITY | 9 | | | | |
| LEXINGTON CITY | 3 | | | | |
| LYNCHBURG CITY | 25 | | | | |
| MANASSES CITY | 2 | | | | |
| MANASSES PARK CITY | 1 | | | | |
| MARTINSVILLE CITY | 11 | | | | |
| NEWPORT NEWS CITY | 69 | | | | |
| NORFOLK CITY | 53 | | | | |
| NORTON CITY | 4 | | | | |
| PETERSBURG CITY | 8 | | | | |
| POQUOSON CITY | 17 | | | | |
| PORTSMOUTH CITY | 29 | | | | |
| RADFORD CITY | 5 | | | | |
| RICHMOND CITY | 60 | | | | |
| ROANOKE CITY | 27 | | | | |
| SALEM CITY | 14 | | | | |
| SOUTH BOSTON CITY | 5 | | | | |
| SOUTH NORFOLK CITY | 0 | | | | |
| STAUNTON CITY | 9 | | | | |
| SUFFOLK CITY | 410 | | | | |
| VIRGINIA BEACH CITY | 259 | | | | |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| | WARWICK CITY | 0 | | | | |
| | WAYNESBORO CITY | 7 | | | | |
| | WILLIAMSBURG CITY | 5 | | | | |
| | WINCHESTER CITY | 3 | | | | |
| | WASHINGTON | 66,570 | | | | |
| WA | ADAMS | 1,894 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| WA | ASOTIN | 633 | TABLELANDS | 1-3000 | 16-25 | 3-400 |
| WA | BENTON | 1,722 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WA | CHELAN | 2,918 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| WA | CLALLAM | 1,753 | HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| WA | CLARK | 627 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| WA | COLUMBIA | 853 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| WA | COWLITZ | 1,144 | OPEN-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| WA | DOUGLAS | 1,831 | TABLELANDS | 1-3000 | 16-25 | 3-400 |
| WA | FERRY | 2,202 | HILLS-MTNS | 1-3000 | 6-15 | -300 |
| WA | FRANKLIN | 1,253 | PLAINS | 0- 300 | 16-25 | 3-400 |
| WA | GARFIELD | 709 | TABLELANDS | 1-3000 | 16-25 | 3-400 |
| WA | GRANT | 2,675 | PLAINS | 0- 300 | 26-35 | 3-400 |
| WA | GRAYS HARBOR | 1,910 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WA | ISLAND | 212 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| WA | JEFFERSON | 1,805 | HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| WA | KING | 2,128 | TABLELANDS | 3- 500 | 6-15 | -300 |
| WA | KITSAP | 393 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| WA | KITTITAS | 2,317 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| WA | KLICKITAT | 1,908 | TABLELANDS | 1-3000 | 16-25 | 3-400 |
| WA | LEWIS | 2,423 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| WA | LINCOLN | 2,306 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| WA | MASON | 962 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| WA | OKANOGAN | 5,301 | HILLS-MTNS | 3000+ | 16-25 | -300 |
| WA | PACIFIC | 908 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| WA | PEND OREILLE | 1,402 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| WA | PIERCE | 1,676 | HILLS-MTNS | 3000+ | 6-15 | 3-400 |
| WA | SAN JUAN | 179 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WA | SKAGIT | 1,735 | HILLS-MTNS | 3000+ | 16-25 | -300 |
| WA | SKAMANIA | 1,672 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| WA | SNOHOMISH | 2,098 | HILLS-MTNS | 3000+ | 6-15 | -300 |
| WA | SPOKANE | 1,758 | TABLELANDS | 3- 500 | 16-25 | 3-400 |
| WA | STEVENS | 2,481 | HILLS-MTNS | 1-3000 | 6-15 | 3-400 |
| WA | THURSTON | 714 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| WA | WAHKIAKUM | 261 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WA | WALLA WALLA | 1,262 | PLAINS | 0- 300 | 16-25 | 3-400 |
| WA | WHATCOM | 2,126 | HILLS-MTNS | 3000+ | 16-25 | -300 |
| WA | WHITMAN | 2,153 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| WA | YAKIMA | 4,268 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| | WEST VIRGINIA | 24,070 | | | | |
| WV | BARBOUR | 341 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | BERKELEY | 316 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | BOONE | 501 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | BRAXTON | 511 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| WV | BROOKE | 88 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | CABELL | 279 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | CALHOUN | 281 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | CLAY | 343 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | DODDRIDGE | 319 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | FAYETTE | 663 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | GILMER | 339 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | GRANT | 478 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | GREENBRIER | 1,026 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | HAMPSHIRE | 639 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | HANCOCK | 83 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | HARDY | 585 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | HARRISON | 418 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | JACKSON | 461 | HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| WV | JEFFERSON | 211 | PLAINS | 0- 300 | 16-25 | 3-400 |
| WV | KANAWHA | 907 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | LEWIS | 392 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | LINCOLN | 438 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | LOGAN | 456 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | MC DOWELL | 533 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | MARION | 311 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | MARSHALL | 304 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | MASON | 433 | HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| WV | MERCER | 417 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | MINERAL | 330 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | MINGO | 423 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | MONONGALIA | 365 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | MONROE | 473 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | MORGAN | 233 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | NICHOLAS | 642 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | OHIO | 106 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | PENDLETON | 695 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | PLEASANTS | 129 | HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| WV | POCAHONTAS | 943 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | PRESTON | 645 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | PUTNAM | 348 | HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| WV | RALEIGH | 605 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | RANDOLPH | 1,036 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | RITCHIE | 452 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | ROANE | 486 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | SUMMERS | 350 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | TAYLOR | 174 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | TUCKER | 421 | OPEN-HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | TYLER | 256 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | UPSHUR | 352 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | WAYNE | 513 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | WEBSTER | 551 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| WV | WETZEL | 363 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WV | WIRT | 235 | HILLS-MTNS | 5-1000 | 16-25 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| WV | WOOD | 368 | HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| WV | WYOMING | 504 | HILLS-MTNS | 1-3000 | 16-25 | 3-400 |
| | WISCONSIN | 54,464 | | | | |
| WI | ADAMS | 646 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | ASHLAND | 1,038 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | BARRON | 864 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | BAYFIELD | 1,460 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | BROWN | 524 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | BUFFALO | 711 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | BURNETT | 840 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | CALUMET | 322 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | CHIPPEWA | 1,018 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | CLARK | 1,221 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | COLUMBIA | 776 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | CRAWFORD | 568 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | DANE | 1,198 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | DODGE | 889 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | DOOR | 492 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | DOUGLAS | 1,305 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | DUNN | 853 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | EAU CLAIRE | 647 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | FLORENCE | 487 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | FOND DU LAC | 725 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | FOREST | 1,007 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | GRANT | 1,147 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | GREEN | 585 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | GREEN LAKE | 354 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | IOWA | 762 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | IRON | 747 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | JACKSON | 999 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | JEFFERSON | 564 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | JUNEAU | 774 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | KENOSHA | 272 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | KEWAUNEE | 330 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | LA CROSSE | 451 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | LAFAYETTE | 643 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | LANGLADE | 856 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | LINCOLN | 892 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | MANITOWOC | 590 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | MARATHON | 1,586 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | MARINETTE | 1,378 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | MARQUETTE | 455 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | MENOMINEE | 360 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | MILWAUKEE | 237 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | MONROE | 915 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | OCONTO | 1,001 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | ONEIDA | 1,112 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | OUTAGAMIE | 634 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | OZAUKEE | 236 | PLAINS | 0- 300 | 6-15 | 3-400 |

| STATE AND COUNTY | | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|---|
| WI | PEPIN | 235 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | PIERCE | 590 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | POLK | 931 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | PORTAGE | 806 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | PRICE | 1,260 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | RACINE | 337 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | RICHLAND | 583 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | ROCK | 721 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | RUSK | 906 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | ST CROIX | 734 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | SAUK | 841 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | SAWYER | 1,259 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | SHAWANO | 919 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | SHEBOYGAN | 505 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | TAYLOR | 975 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | TREMPEALEAU | 735 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | VERNON | 802 | OPEN-HILLS-MTNS | 3- 500 | 6-15 | 3-400 |
| WI | VILAS | 867 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | WALWORTH | 557 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | WASHBURN | 817 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | WASHINGTON | 429 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | WAUKESHA | 554 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | WAUPACA | 751 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | WAUSHARA | 627 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | WINNEBAGO | 448 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WI | WOOD | 807 | PLAINS | 0- 300 | 6-15 | 3-400 |
| | WYOMING | 97,203 | | | | |
| WY | ALBANY | 4,248 | PLAINS | 0- 300 | 6-15 | 4-500 |
| WY | BIG HORN | 3,157 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| WY | CAMPBELL | 4,756 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | |
| WY | CARBON | 7,905 | PLAINS-HILLS-MTNS | 5-1000 | 6-15 | 4-500 |
| WY | CONVERSE | 4,281 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| WY | CROOK | 2,882 | PLAINS | 0- 300 | 16-25 | 3-400 |
| WY | FREMONT | 9,196 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| WY | GOSHEN | 2,228 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WY | HOT SPRINGS | 2,022 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| WY | JOHNSON | 4,175 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |
| WY | LARAMIE | 2,703 | PLAINS | 0- 300 | 6-15 | 3-400 |
| WY | LINCOLN | 4,085 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 3-400 |
| WY | NATRONA | 5,342 | TABLELANDS | 3- 500 | 6-15 | 4-500 |
| WY | NIOBRARA | 2,614 | TABLELANDS | 3- 500 | 6-15 | 3-400 |
| WY | PARK | 6,959 | PLAINS-HILLS-MTNS | 5-1000 | 16-25 | 3-400 |
| WY | PLATTE | 2,086 | PLAINS-HILLS-MTNS | 3- 500 | 6-15 | 4-500 |
| WY | SHERIDAN | 2,532 | OPEN-HILLS-MTNS | 5-1000 | 16-25 | 4-500 |
| WY | SUBLETTE | 4,851 | HILLS-MTNS | 3000+ | 16-25 | 4-500 |
| WY | SWEETWATER | 10,429 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| WY | TETON | 4,000 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| WY | UINTA | 2,086 | PLAINS-HILLS-MTNS | 1-3000 | 16-25 | 4-500 |
| WY | WASHAKIE | 2,262 | PLAINS-HILLS-MTNS | 3- 500 | 16-25 | 4-500 |

| STATE AND COUNTY | LAND AREA 1975 | LAND SURFACE FORMS | LOCAL RELIEF | FREQ OF INSTABILITY | SOLAR RADIAT |
|---|---|---|---|---|---|
| WY WESTON | 2,407 | HILLS-MTNS | 3000+ | 16-25 | 3-400 |
| YELLOWSTONE NAT. PARK | r | | | | |

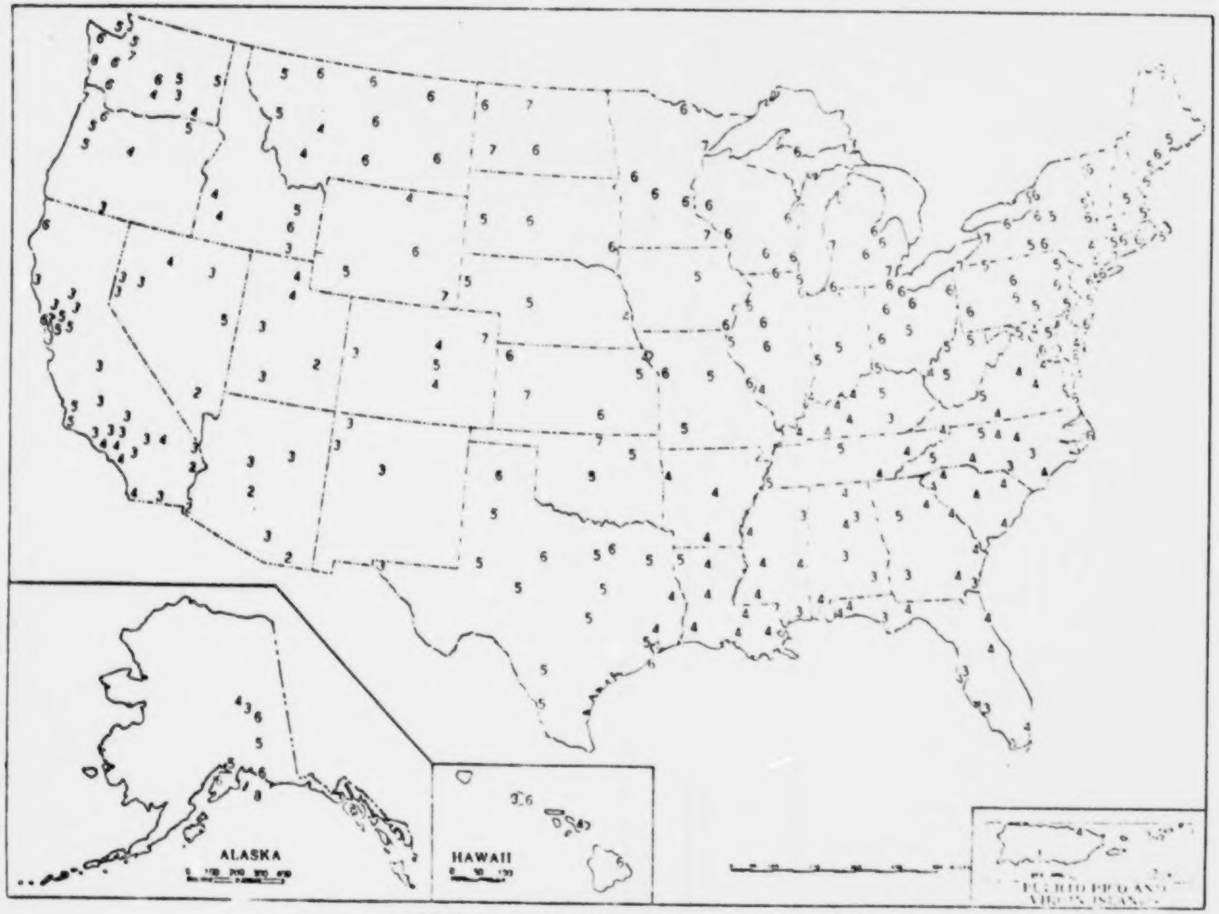


Figure H-1. PERCENT FREQUENCY - NEUTRAL CATEGORY - ANNUAL

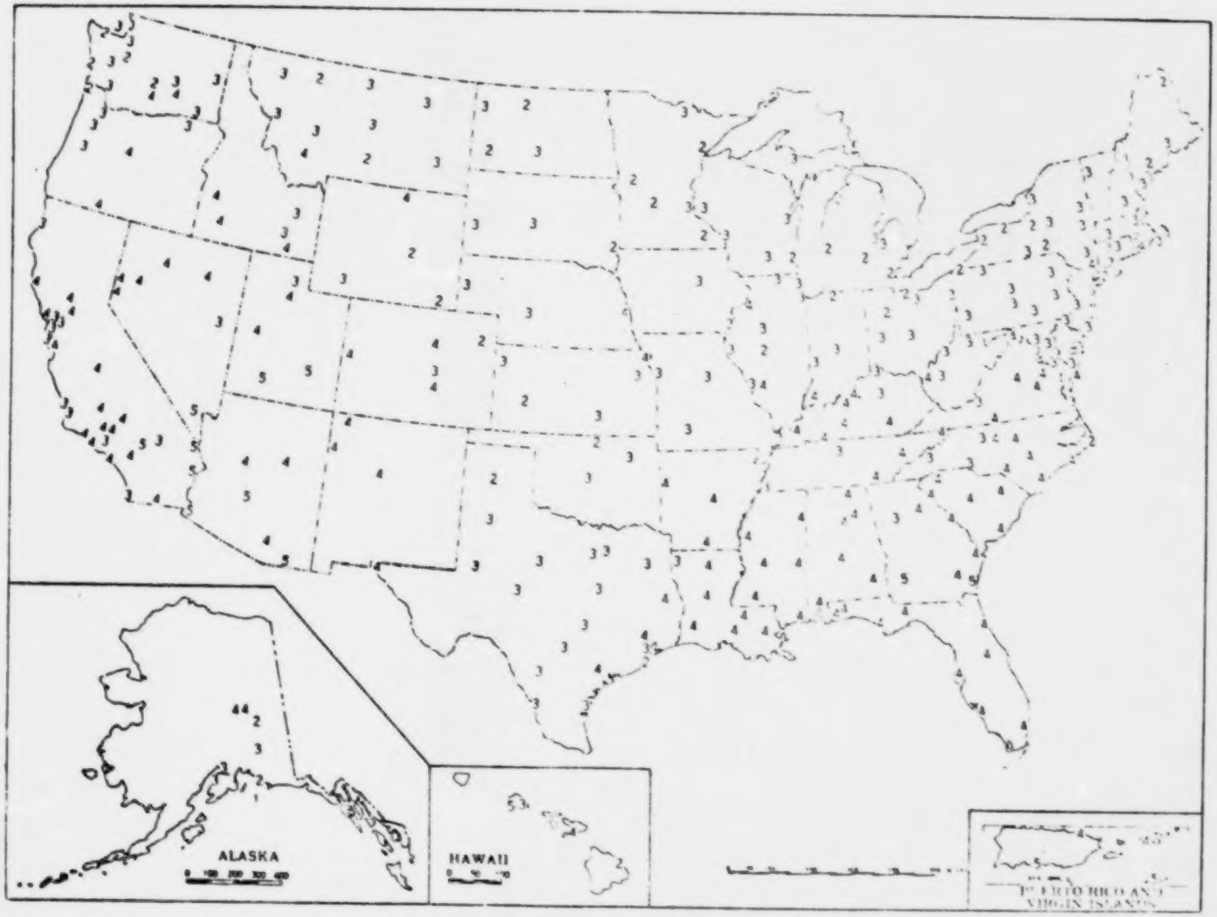


Figure H-2. PERCENT FREQUENCY · STABLE CATEGORY · ANNUAL

KEY

| CODE VALUE | RANGE OF PERCENT FREQUENCY |
|---|---|
| 0 | 0 - 5 |
| 1 | 6 - 15 |
| 2 | 16 - 25 |
| 3 | 26 - 35 |
| 4 | 36 - 45 |
| 5 | 46 - 55 |
| 6 | 56 - 65 |
| 7 | 66 - 75 |
| 8 | 76 - 85 |
| 9 | 86 - 95 |
| 10 | 96 - 100 |

Reference: Doty, S.R. et al, A Climmatological Analysis of Pasquill Stability Categories Based on 'STAR' Summaries, National Climatic Center, April 1976

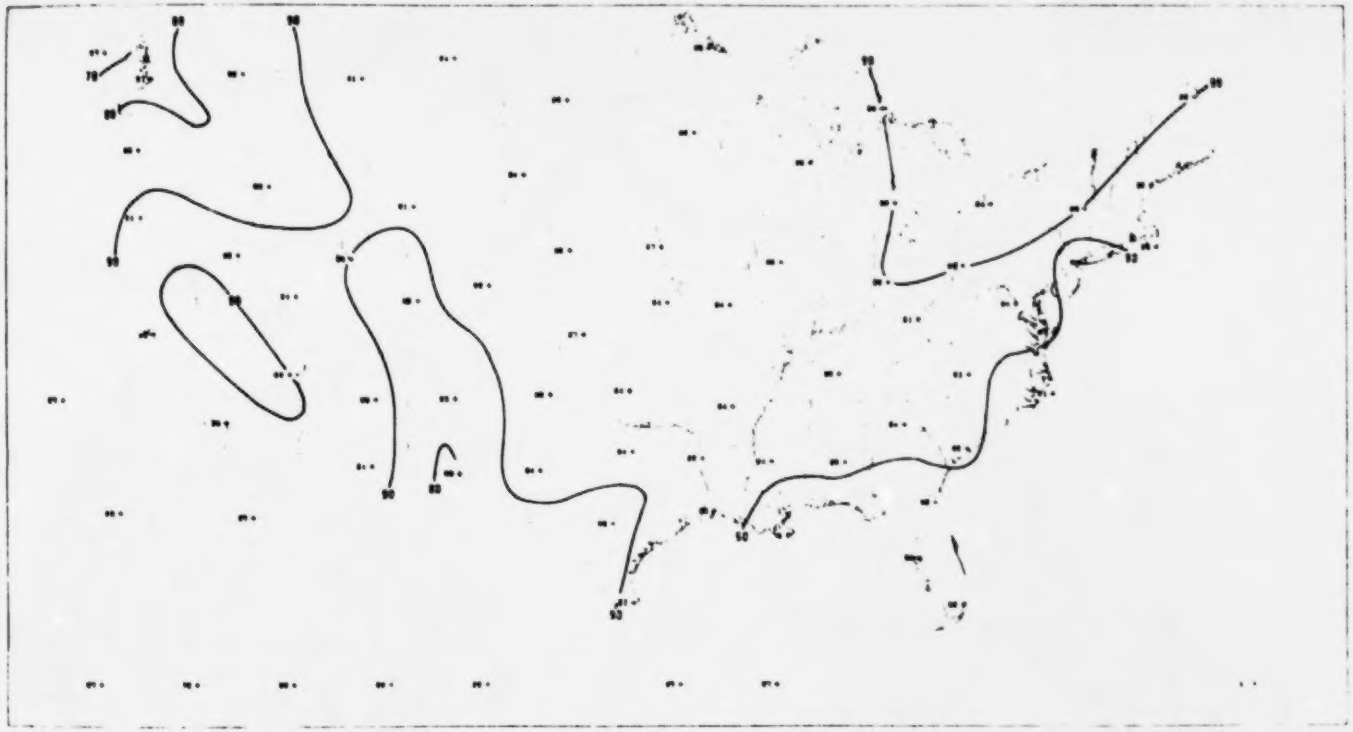


Figure II-3 Percentage of all 1115 GMT soundings with a surface-based or elevated inversion below 3000 m AGL

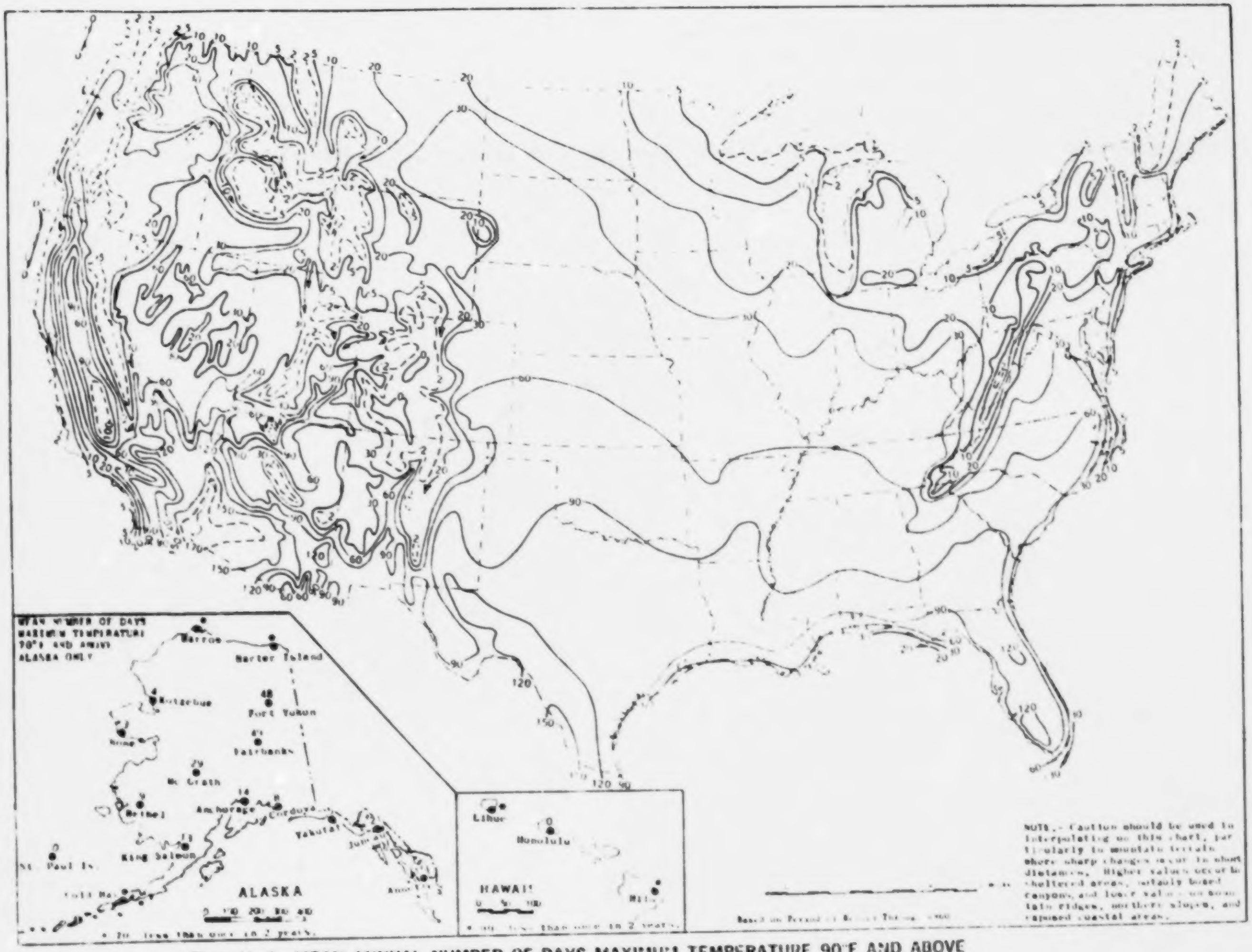
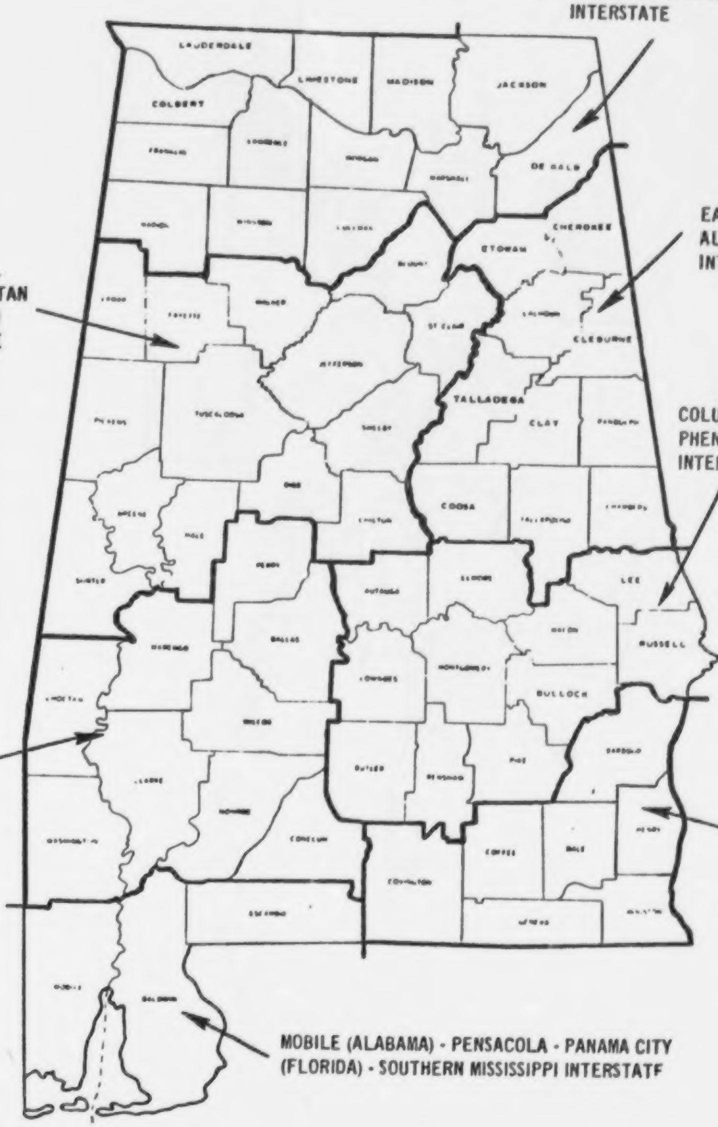

MEAN NUMBER OF DAYS
MAXIMUM TEMPERATURE
70°F AND ABOVE
ALASKA ONLY
ALASKA
Barrow
Barter Island
Kotzebue
Fort Yukon
48
Nome
Fairbanks
29
Mc Grath
14
Anchorage
Cordova
Bethel
Yakutat
Juneau
13
King Salmon
St. Paul Is.
Cold Bay
Annette
0 100 200 300 400
* In less than once in 2 years.
HAWAII
Lihue
Honolulu
Hilo
0 50 100
* In less than once in 2 years.
NOTE.- Caution should be used in interpolating on this chart, particularly in mountain terrain where sharp changes occur in short distances. Higher values occur in sheltered areas, notably broad canyons, and lower values on mountain ridges, northern slopes, and exposed coastal areas.
10
20
30
60
90
120
150

Figure H-4. MEAN ANNUAL NUMBER OF DAYS MAXIMUM TEMPERATURE 90°F AND ABOVE
Except 70° and Above in Alaska



TENNESSEE RIVER VALLEY (ALABAMA) CUMBERLAND MOUNTAINS (TENNESSEE) INTERSTATE

EAST ALABAMA INTRASTATE

METROPOLITAN BIRMINGHAM INTRASTATE

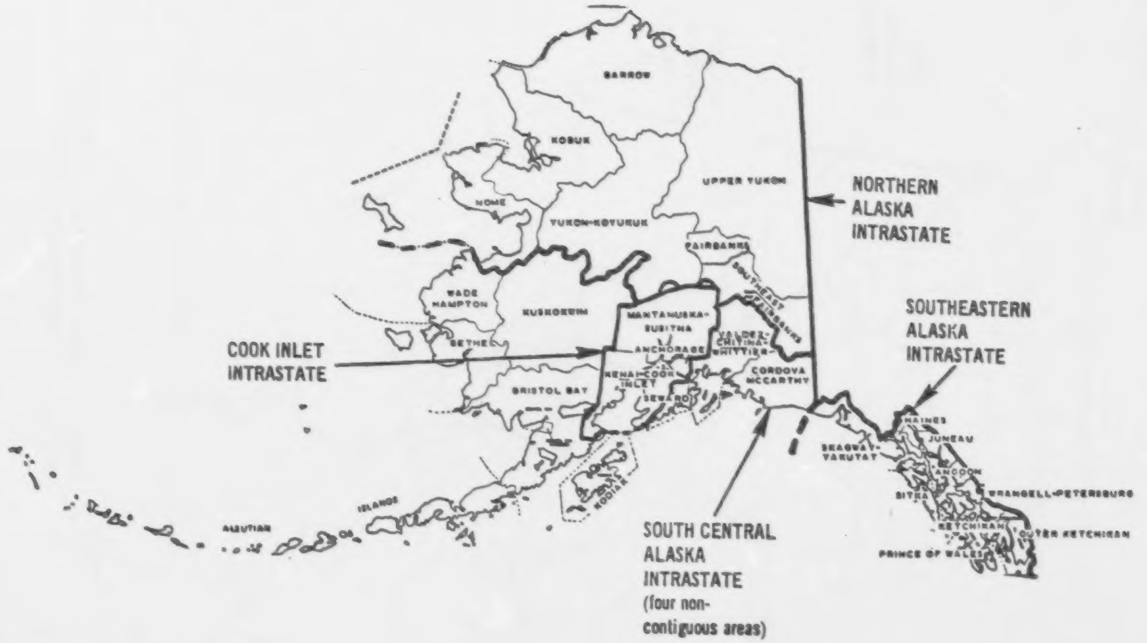
COLUMBUS (GEORGIA) PHENIX CITY (ALABAMA) INTERSTATE

ALABAMA AND TOMBIGBEE RIVERS INTRASTATE

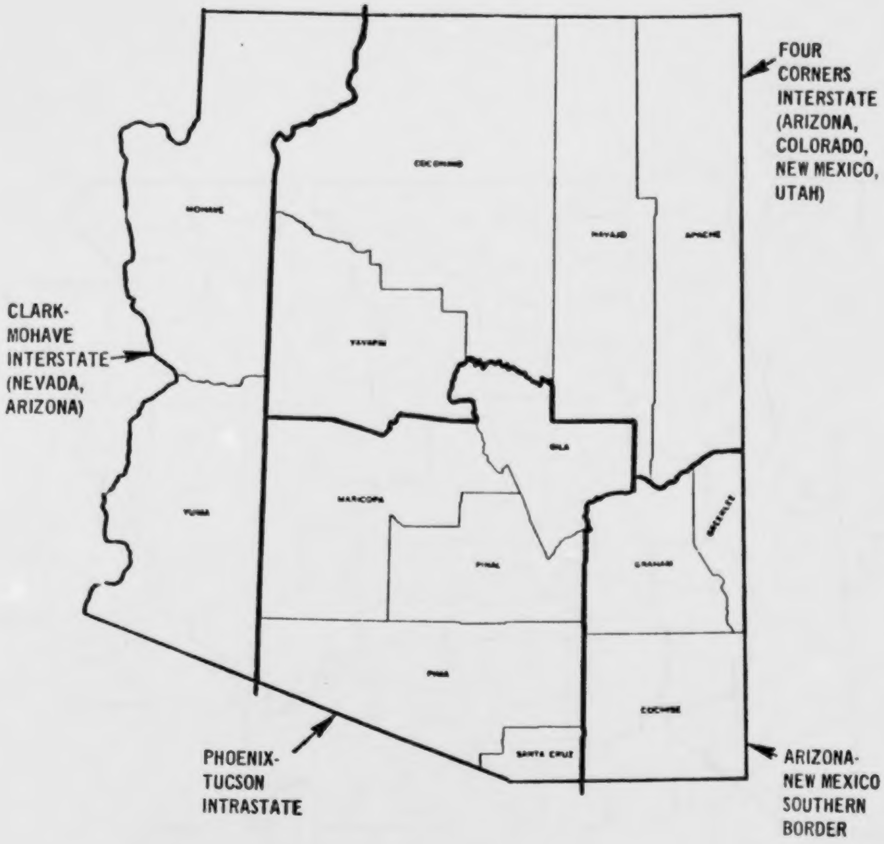
SOUTHEAST ALABAMA INTRASTATE

MOBILE (ALABAMA) - PENSACOLA - PANAMA CITY (FLORIDA) - SOUTHERN MISSISSIPPI INTERSTATE

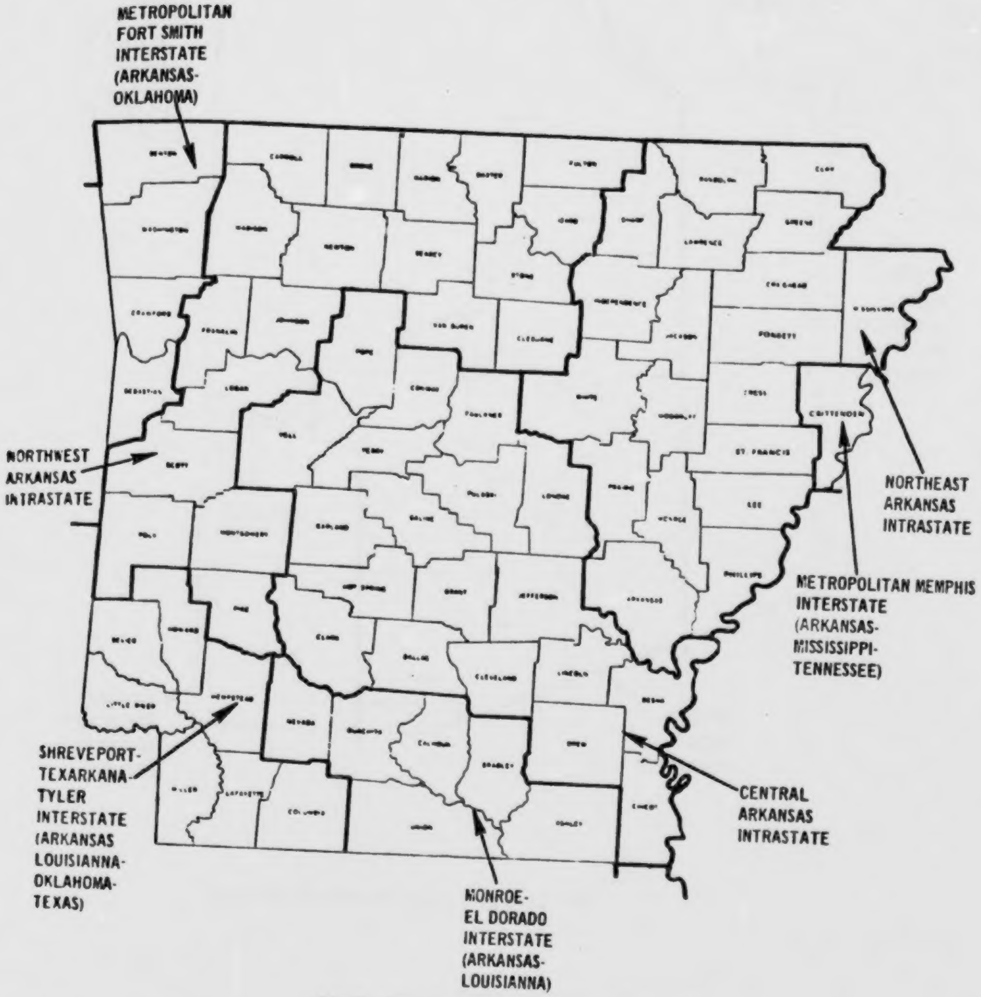
Air Quality Control Regions in Alabama.



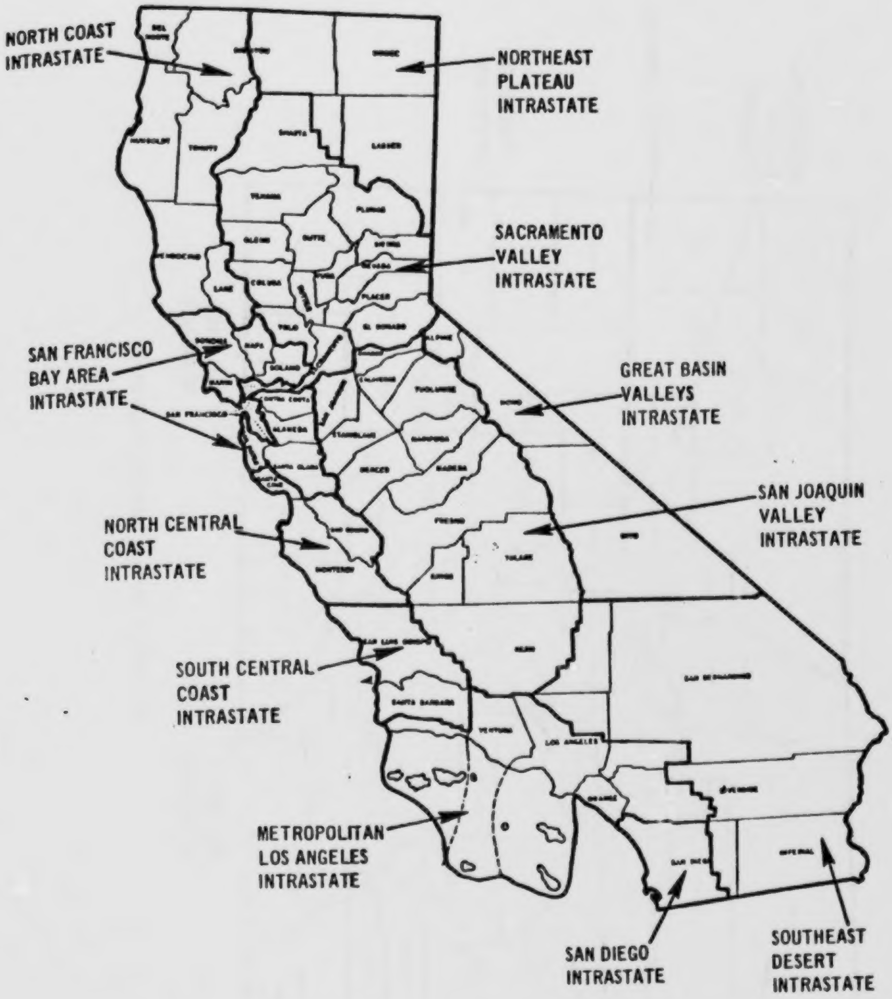
Air Quality Control Regions in Alaska.


FOUR CORNERS INTERSTATE (ARIZONA, COLORADO, NEW MEXICO, UTAH)
CLARK-MOHAVE INTERSTATE (NEVADA, ARIZONA)
PHOENIX-TUCSON INTRASTATE
ARIZONA-NEW MEXICO SOUTHERN BORDER
MOHAVE
COCONINO
NAVAJO
APACHE
YAVAPAI
GILA
MARICOPA
YUMA
PINAL
GRAHAM
GREENLEE
PIMA
COCHISE
SANTA CRUZ

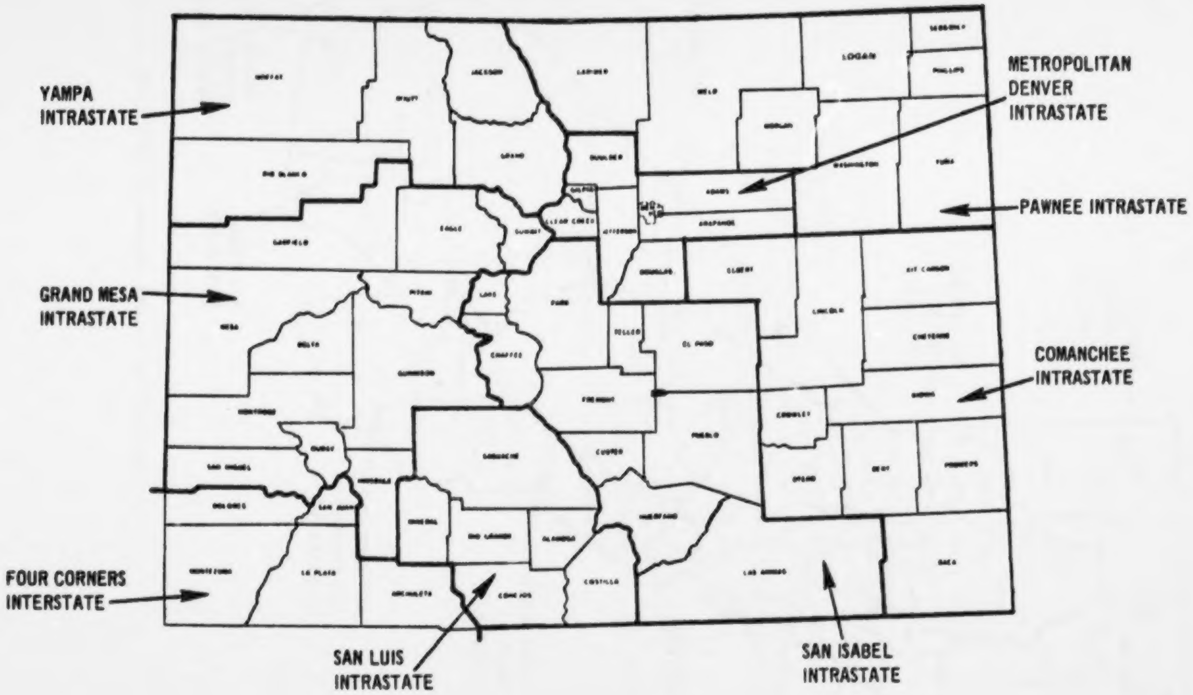
Air Quality Control Regions in Arizona.


METROPOLITAN FORT SMITH INTERSTATE (ARKANSAS-OKLAHOMA)
NORTHWEST ARKANSAS INTRASTATE
NORTHEAST ARKANSAS INTRASTATE
METROPOLITAN MEMPHIS INTERSTATE (ARKANSAS-MISSISSIPPI-TENNESSEE)
CENTRAL ARKANSAS INTRASTATE
SHREVEPORT-TEXARKANA-TYLER INTERSTATE (ARKANSAS LOUISIANNA-OKLAHOMA-TEXAS)
MONROE-EL DORADO INTERSTATE (ARKANSAS-LOUISIANNA)

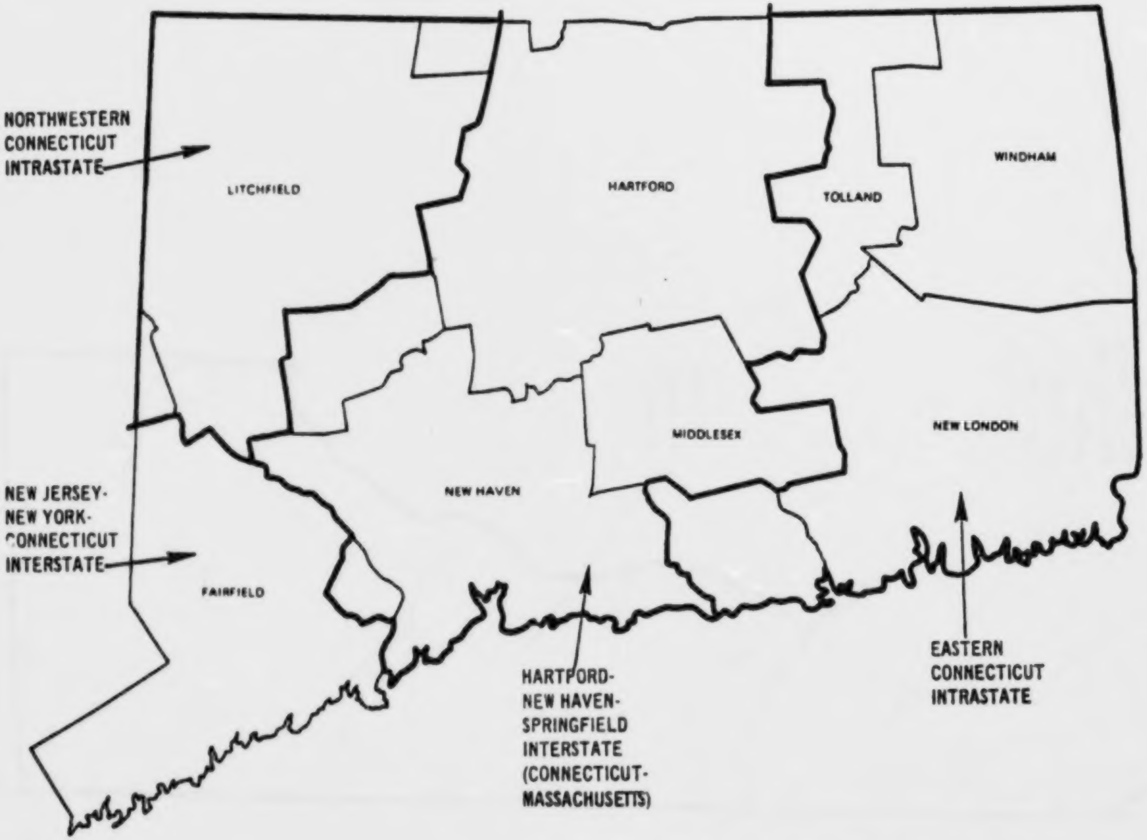
Air Quality Control Regions in Arkansas.


NORTH COAST INTRASTATE
NORTHEAST PLATEAU INTRASTATE
SACRAMENTO VALLEY INTRASTATE
SAN FRANCISCO BAY AREA INTRASTATE
GREAT BASIN VALLEYS INTRASTATE
SAN JOAQUIN VALLEY INTRASTATE
NORTH CENTRAL COAST INTRASTATE
SOUTH CENTRAL COAST INTRASTATE
METROPOLITAN LOS ANGELES INTRASTATE
SAN DIEGO INTRASTATE
SOUTHEAST DESERT INTRASTATE

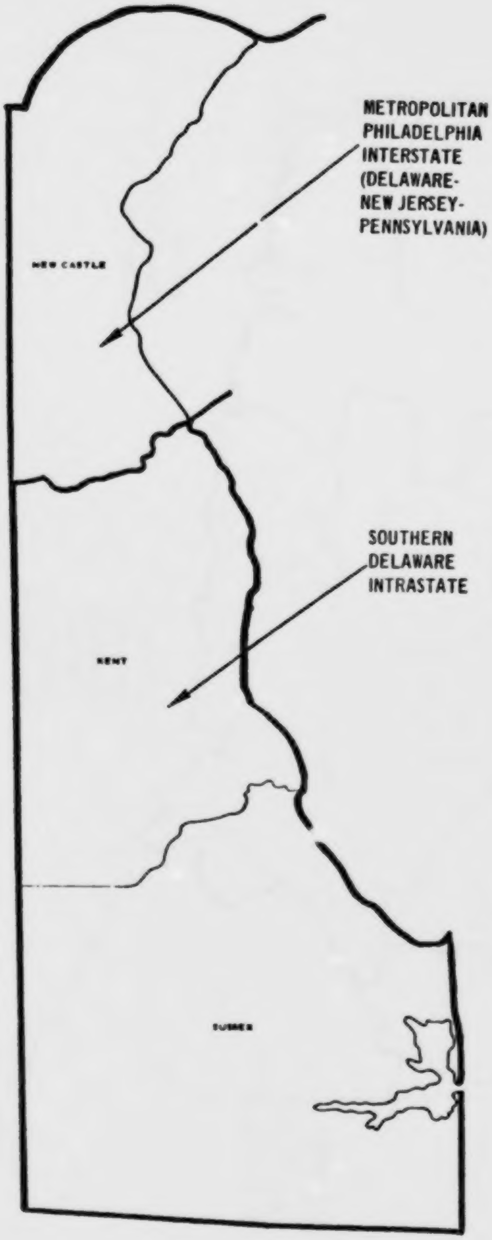
Air Quality Control Regions in California.



Air Quality Control Regions in Colorado.

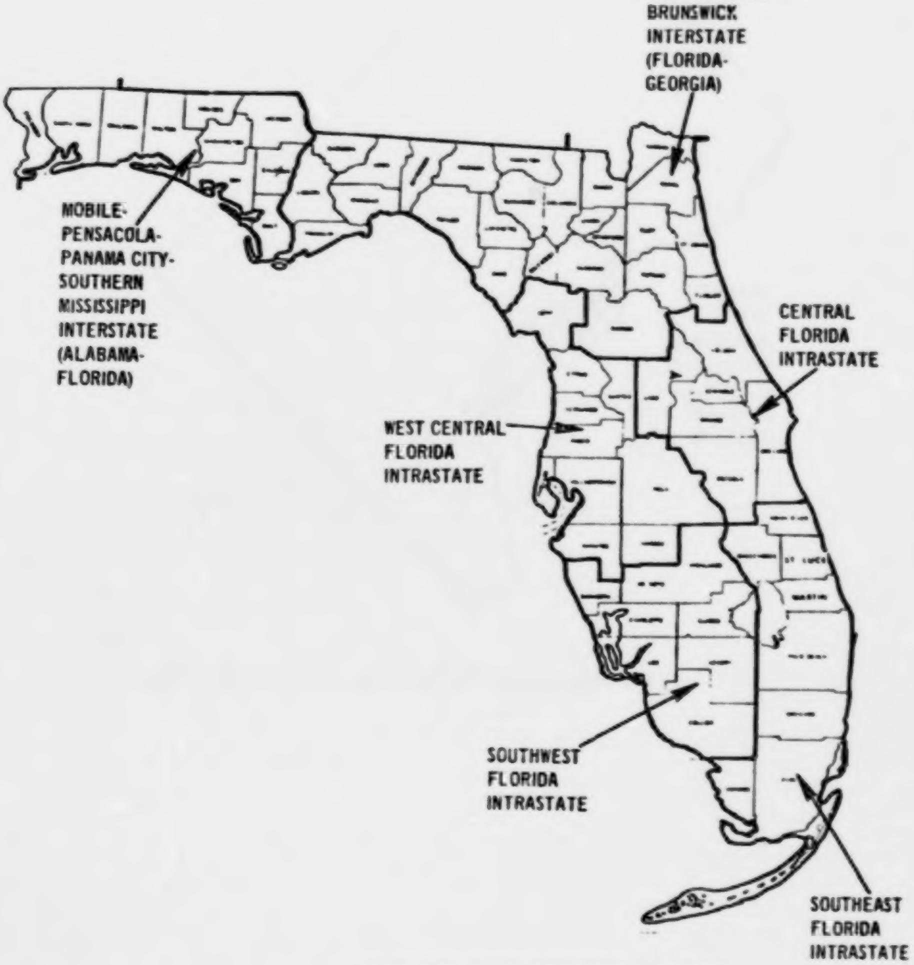

NORTHWESTERN CONNECTICUT INTRASTATE
LITCHFIELD
HARTFORD
TOLLAND
WINDHAM
NEW JERSEY-NEW YORK-CONNECTICUT INTERSTATE
FAIRFIELD
NEW HAVEN
MIDDLESEX
NEW LONDON
HARTFORD-NEW HAVEN-SPRINGFIELD INTERSTATE (CONNECTICUT-MASSACHUSETTS)
EASTERN CONNECTICUT INTRASTATE

Air Quality Control Regions in Connecticut.

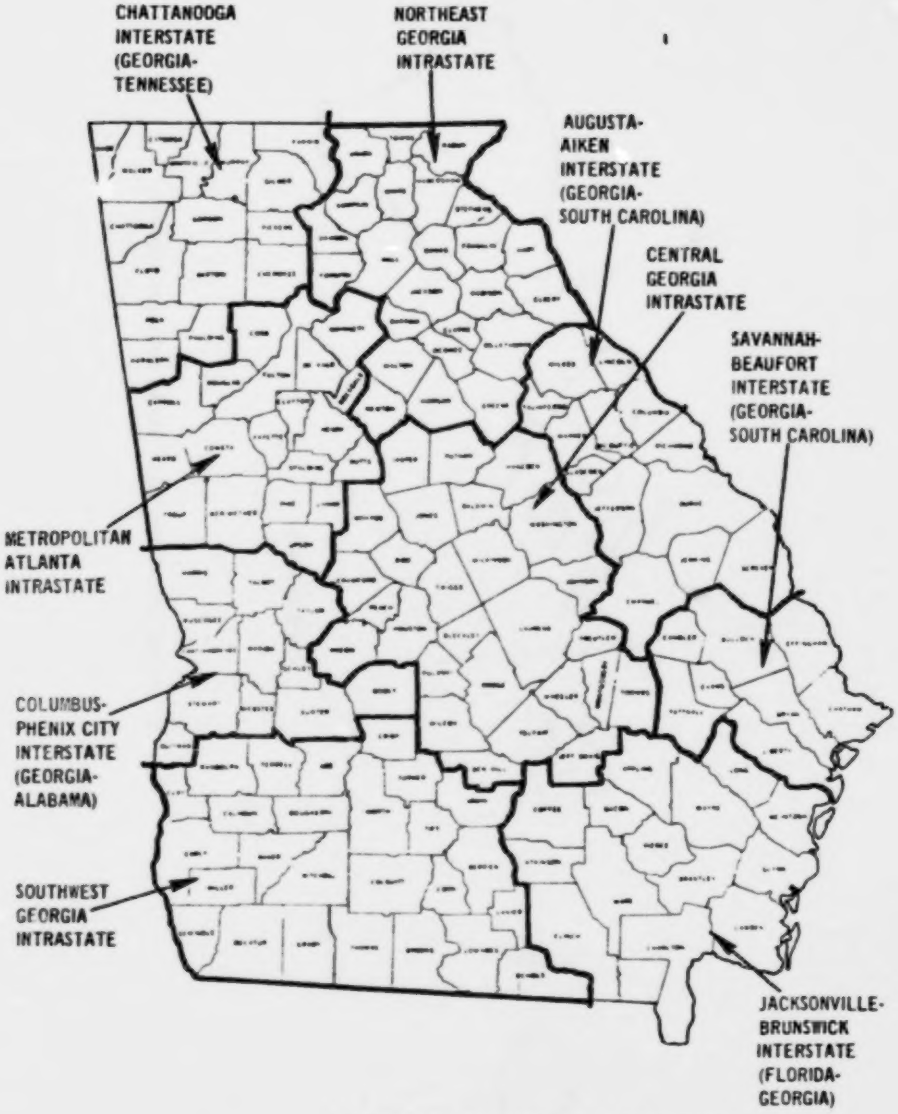

METROPOLITAN PHILADELPHIA INTERSTATE (DELAWARE-NEW JERSEY-PENNSYLVANIA)
NEW CASTLE
SOUTHERN DELAWARE INTRASTATE
KENT
SUSSEX

Air Quality Control Regions in Delaware.

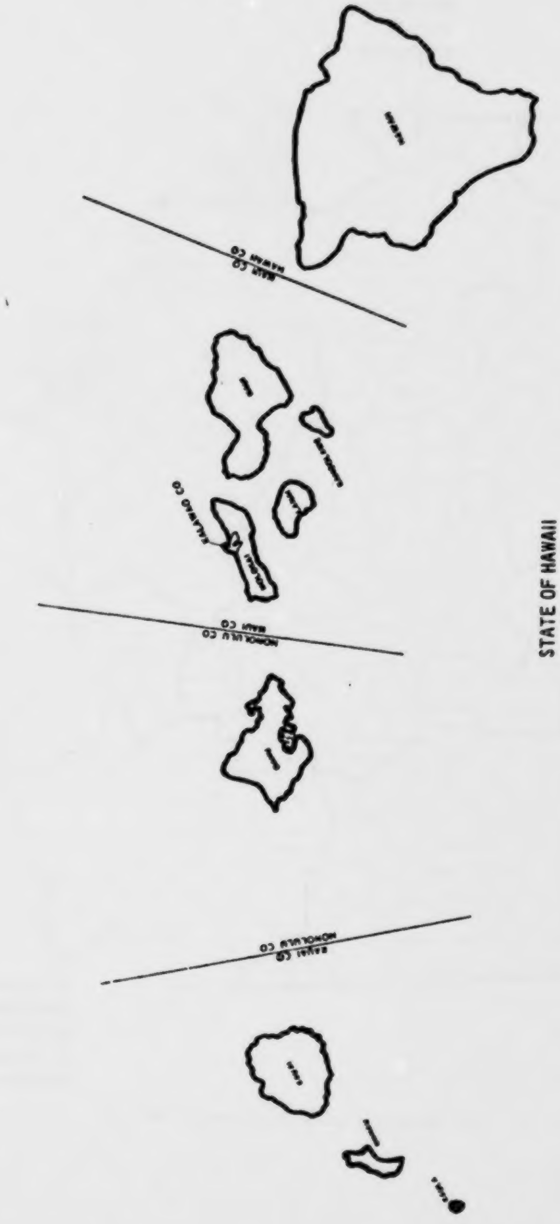
Air Quality Control Region in the District of Columbia.


JACKSONVILLE-BRUNSWICK INTERSTATE (FLORIDA-GEORGIA)
MOBILE-PENSACOLA-PANAMA CITY-SOUTHERN MISSISSIPPI INTERSTATE (ALABAMA-FLORIDA)
CENTRAL FLORIDA INTRASTATE
WEST CENTRAL FLORIDA INTRASTATE
SOUTHWEST FLORIDA INTRASTATE
SOUTHEAST FLORIDA INTRASTATE

Air Quality Control Regions in Florida.

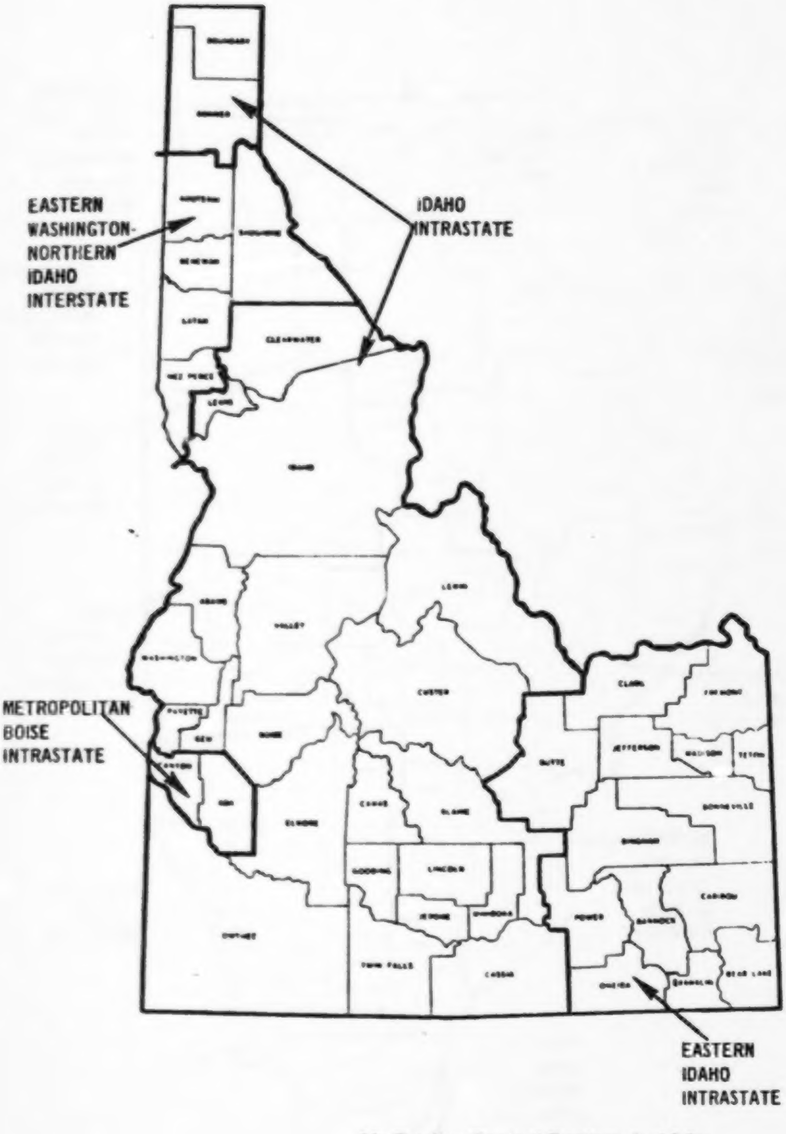

CHATTANOOGA INTERSTATE (GEORGIA-TENNESSEE)
NORTHEAST GEORGIA INTRASTATE
AUGUSTA-AIKEN INTERSTATE (GEORGIA-SOUTH CAROLINA)
CENTRAL GEORGIA INTRASTATE
SAVANNAH-BEAUFORT INTERSTATE (GEORGIA-SOUTH CAROLINA)
METROPOLITAN ATLANTA INTRASTATE
COLUMBUS-PHENIX CITY INTERSTATE (GEORGIA-ALABAMA)
SOUTHWEST GEORGIA INTRASTATE
JACKSONVILLE-BRUNSWICK INTERSTATE (FLORIDA-GEORGIA)

Air Quality Control Regions in Georgia.

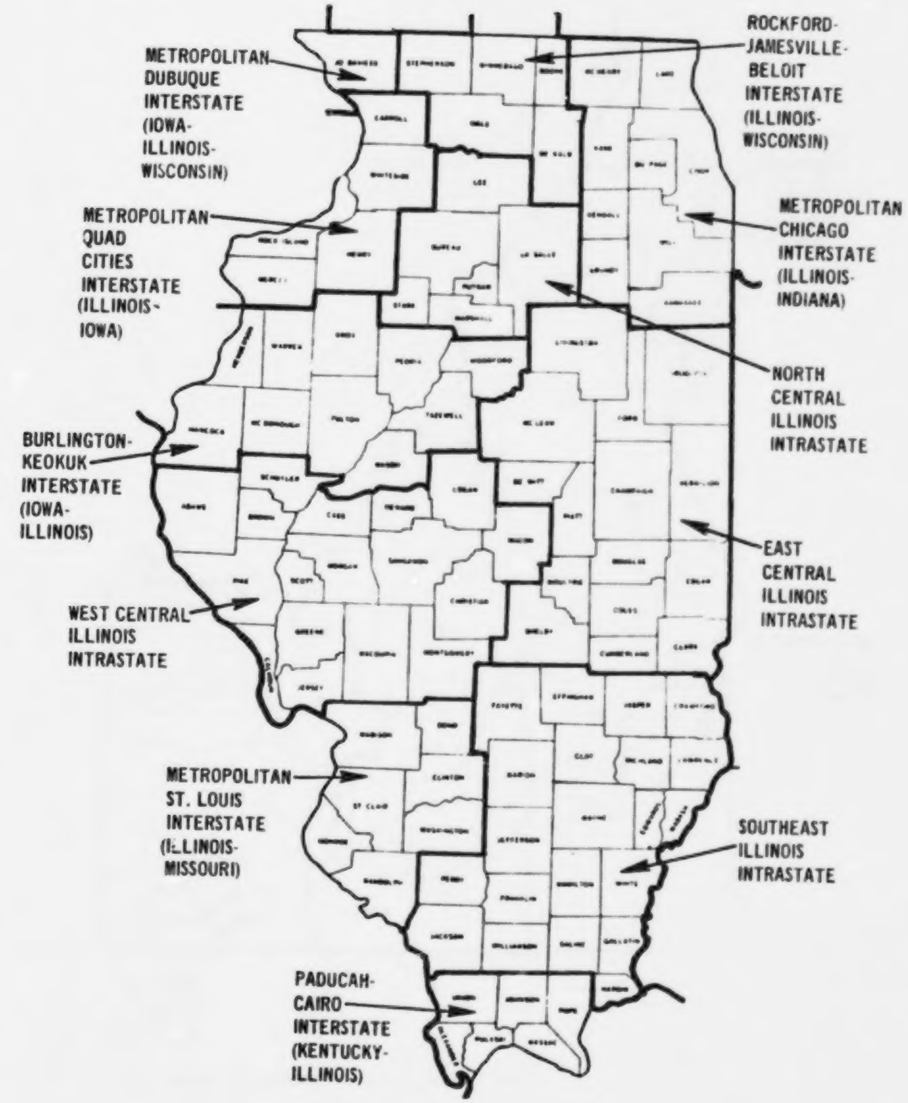


STATE OF HAWAII

Air Quality Control Region in Hawaii (principal islands).



Air Quality Control Regions in Idaho.


METROPOLITAN DUBUQUE INTERSTATE (IOWA-ILLINOIS-WISCONSIN)
ROCKFORD-JAMESVILLE-BELOIT INTERSTATE (ILLINOIS-WISCONSIN)
METROPOLITAN QUAD CITIES INTERSTATE (ILLINOIS-IOWA)
METROPOLITAN CHICAGO INTERSTATE (ILLINOIS-INDIANA)
NORTH CENTRAL ILLINOIS INTRASTATE
BURLINGTON-KEOKUK INTERSTATE (IOWA-ILLINOIS)
EAST CENTRAL ILLINOIS INTRASTATE
WEST CENTRAL ILLINOIS INTRASTATE
METROPOLITAN ST. LOUIS INTERSTATE (ILLINOIS-MISSOURI)
SOUTHEAST ILLINOIS INTRASTATE
PADUCAH-CAIRO INTERSTATE (KENTUCKY-ILLINOIS)

Air Quality Control Regions in Illinois.

**METROPOLITAN CHICAGO INTERSTATE (INDIANA-ILLINOIS)**

**NORTHEAST INDIANA INTRASTATE**

**WABASH VALLEY INTRASTATE**

**EAST CENTRAL INDIANA INTRASTATE**

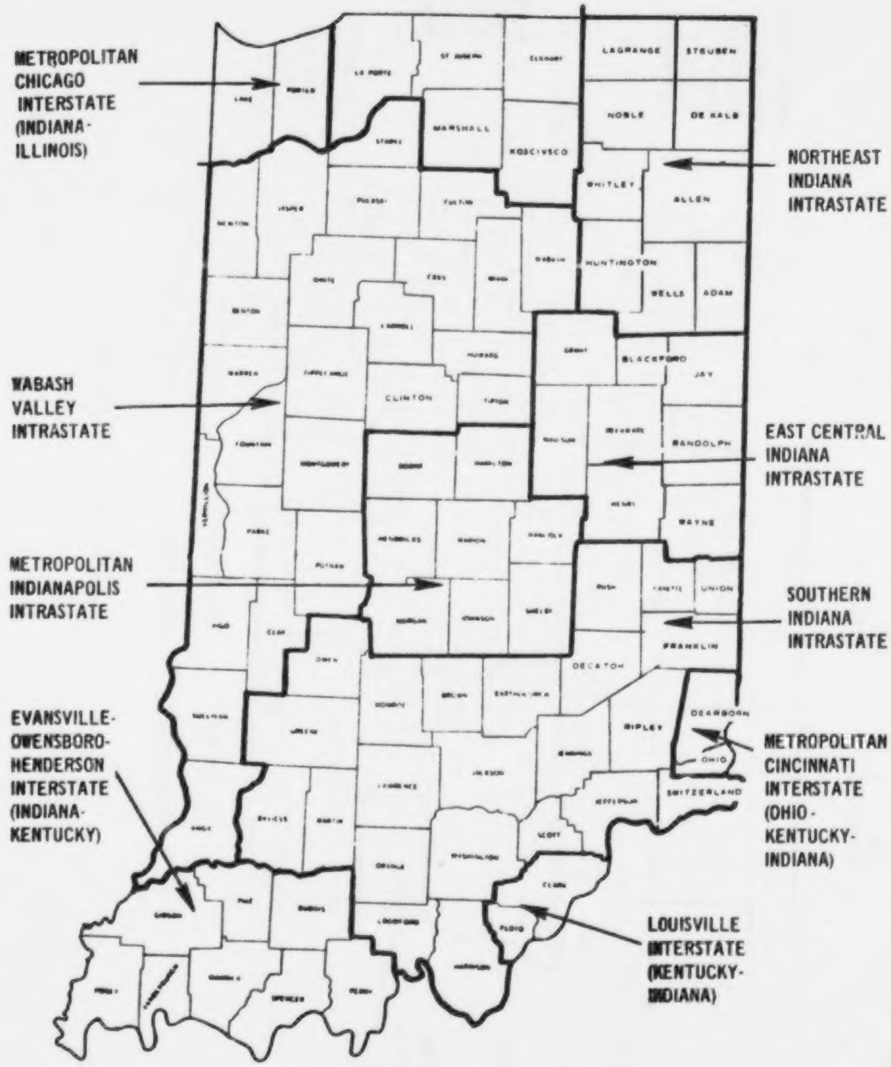
**METROPOLITAN INDIANAPOLIS INTRASTATE**

**SOUTHERN INDIANA INTRASTATE**

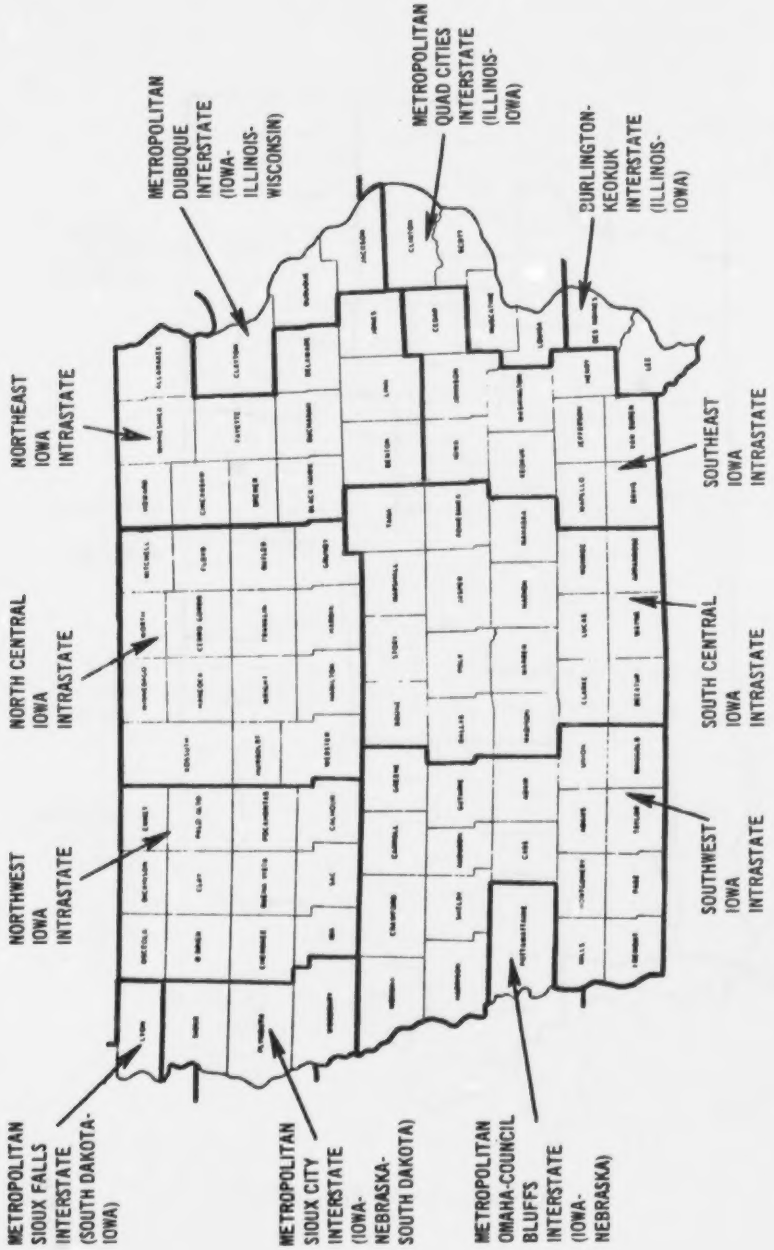
**EVANSVILLE-OWENSBORO-HENDERSON INTERSTATE (INDIANA-KENTUCKY)**

**METROPOLITAN CINCINNATI INTERSTATE (OHIO-KENTUCKY-INDIANA)**

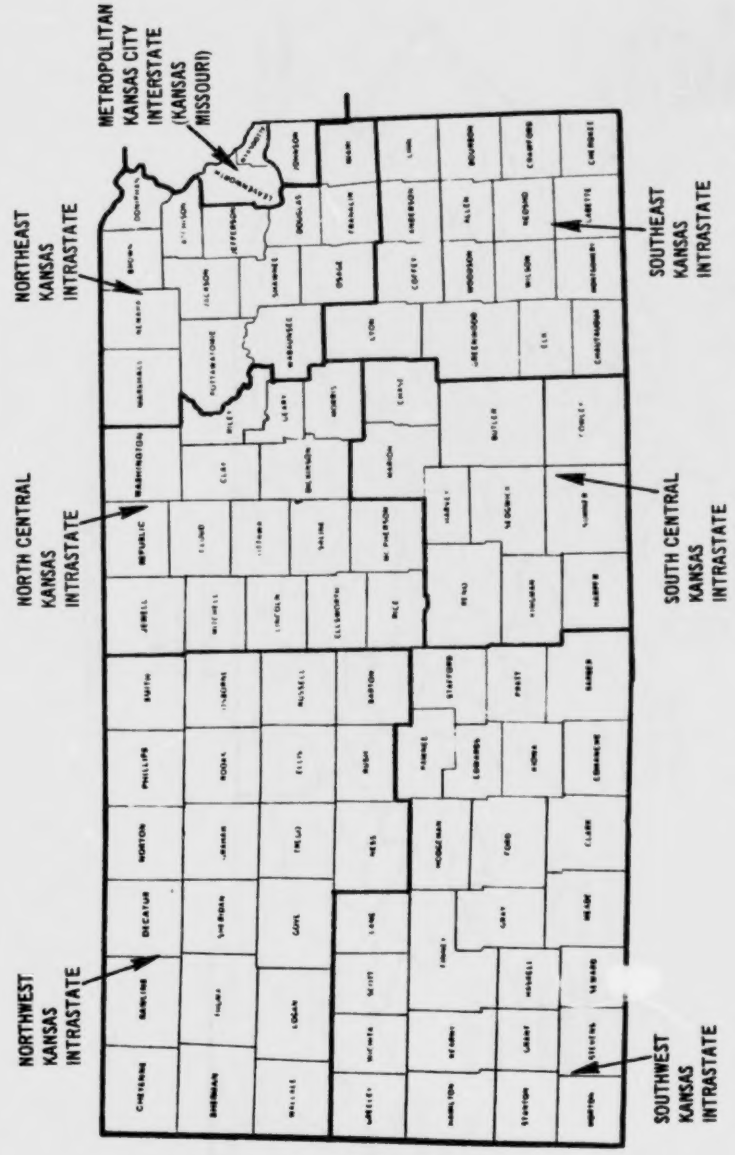
**LOUISVILLE INTERSTATE (KENTUCKY-INDIANA)**



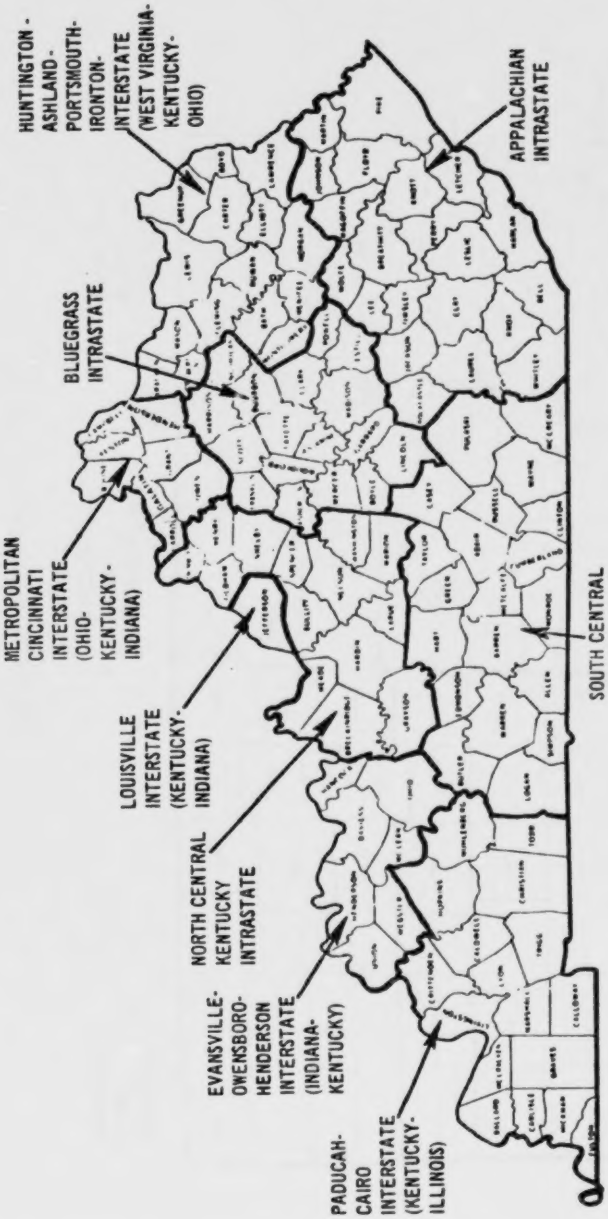
Air Quality Control Regions in Indiana.


NORTHWEST IOWA INTRASTATE
NORTH CENTRAL IOWA INTRASTATE
NORTHEAST IOWA INTRASTATE
METROPOLITAN DUBUQUE INTERSTATE (IOWA-ILLINOIS-WISCONSIN)
METROPOLITAN QUAD CITIES INTERSTATE (ILLINOIS-IOWA)
BURLINGTON-KEOKUK INTERSTATE (ILLINOIS-IOWA)
SOUTHEAST IOWA INTRASTATE
SOUTH CENTRAL IOWA INTRASTATE
SOUTHWEST IOWA INTRASTATE
METROPOLITAN SIOUX FALLS INTERSTATE (SOUTH DAKOTA-IOWA)
METROPOLITAN SIOUX CITY INTERSTATE (IOWA-NEBRASKA-SOUTH DAKOTA)
METROPOLITAN OMAHA-COUNCIL BLUFFS INTERSTATE (IOWA-NEBRASKA)

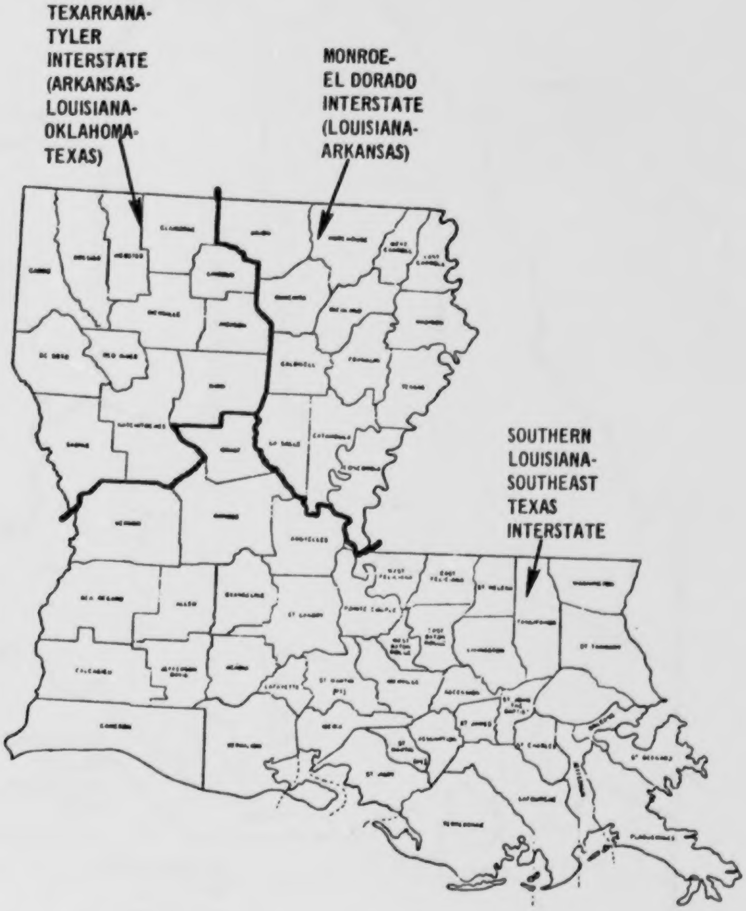
Air Quality Control Regions in Iowa.



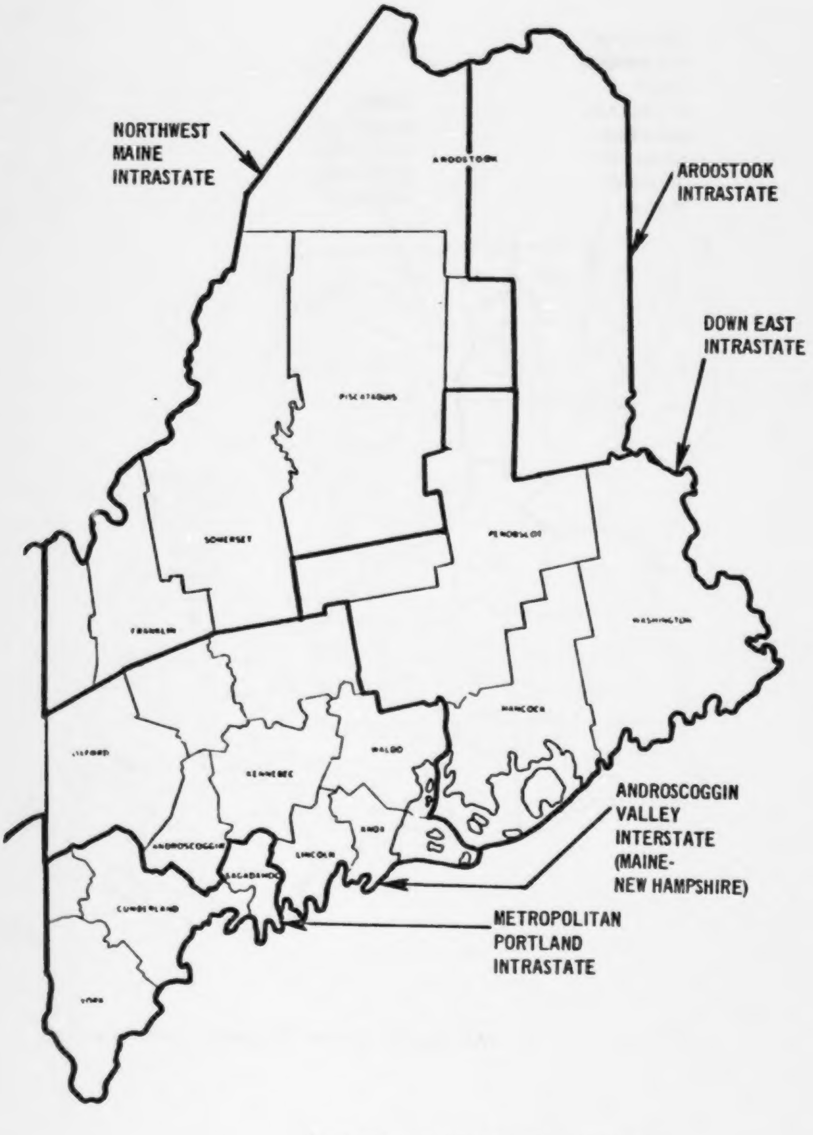
Air Quality Control Regions in Kansas.


HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON-INTERSTATE (WEST VIRGINIA-KENTUCKY-OHIO)
APPALACHIAN INTRASTATE
BLUEGRASS INTRASTATE
METROPOLITAN CINCINNATI INTERSTATE (OHIO-KENTUCKY-INDIANA)
LOUISVILLE INTERSTATE (KENTUCKY-INDIANA)
SOUTH CENTRAL KENTUCKY INTRASTATE
NORTH CENTRAL KENTUCKY INTRASTATE
EVANSVILLE-OWENSBORO-HENDERSON INTERSTATE (INDIANA-KENTUCKY)
PADUCAH-CAIRO INTERSTATE (KENTUCKY-ILLINOIS)

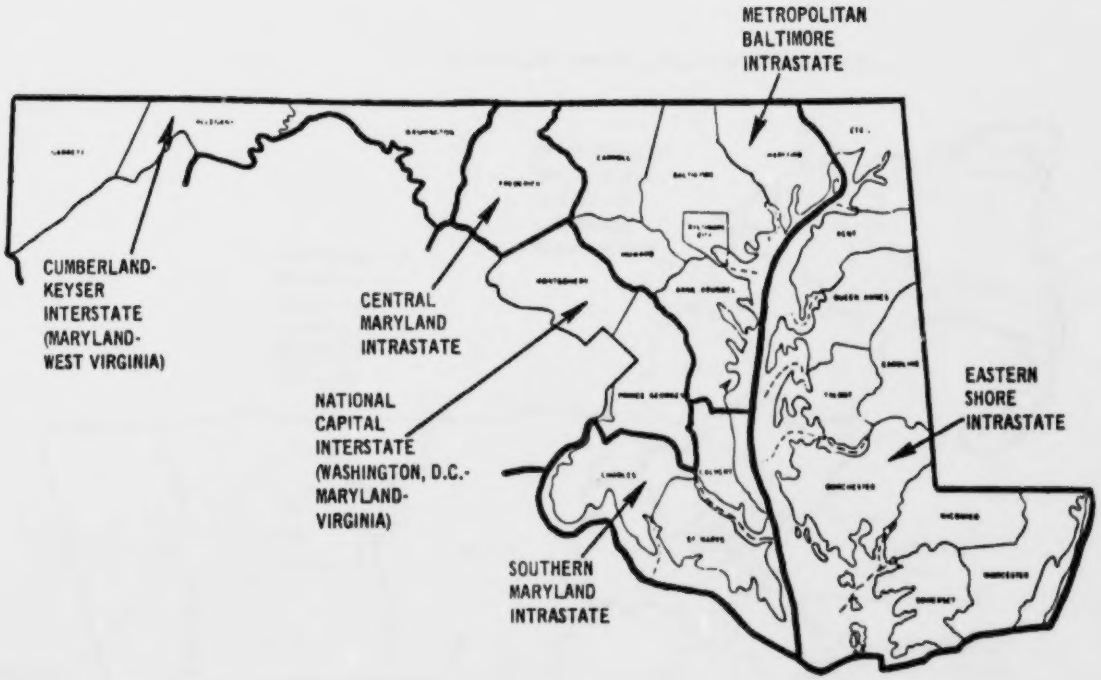
Air Quality Control Regions in Kentucky.


SHREVEPORT-TEXARKANA-TYLER INTERSTATE (ARKANSAS-LOUISIANA-OKLAHOMA-TEXAS)
MONROE-EL DORADO INTERSTATE (LOUISIANA-ARKANSAS)
SOUTHERN LOUISIANA-SOUTHEAST TEXAS INTERSTATE

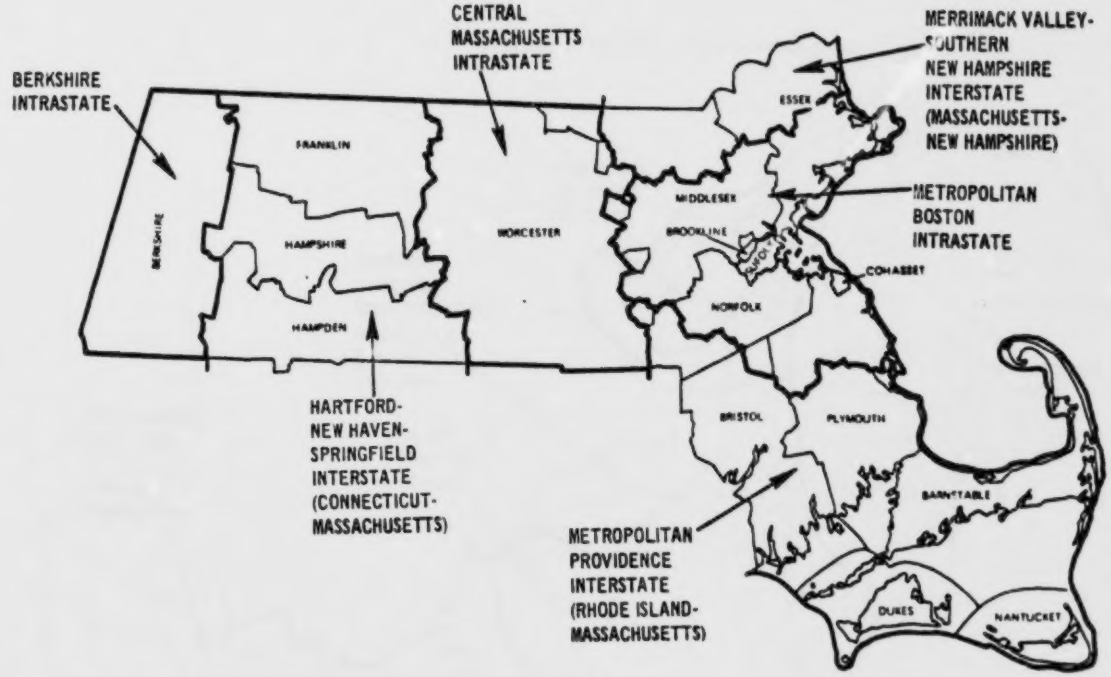
Air Quality Control Regions in Louisiana.



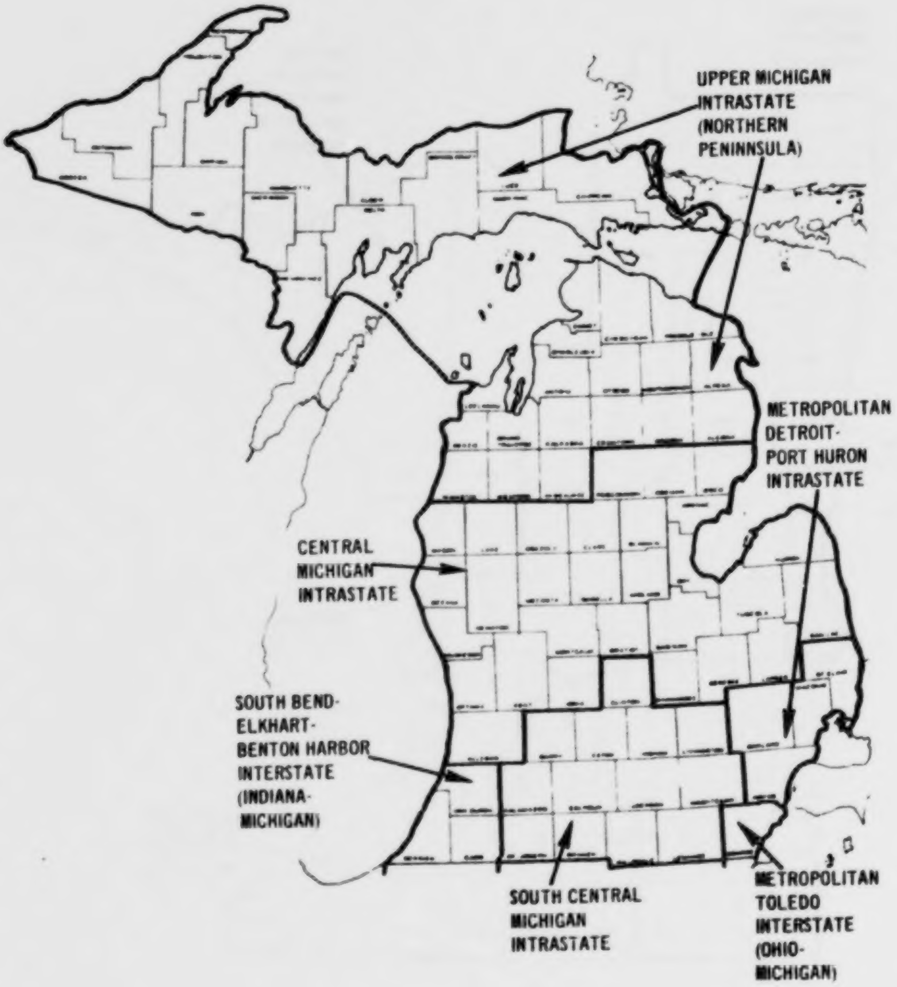
Air Quality Control Regions in Maine.



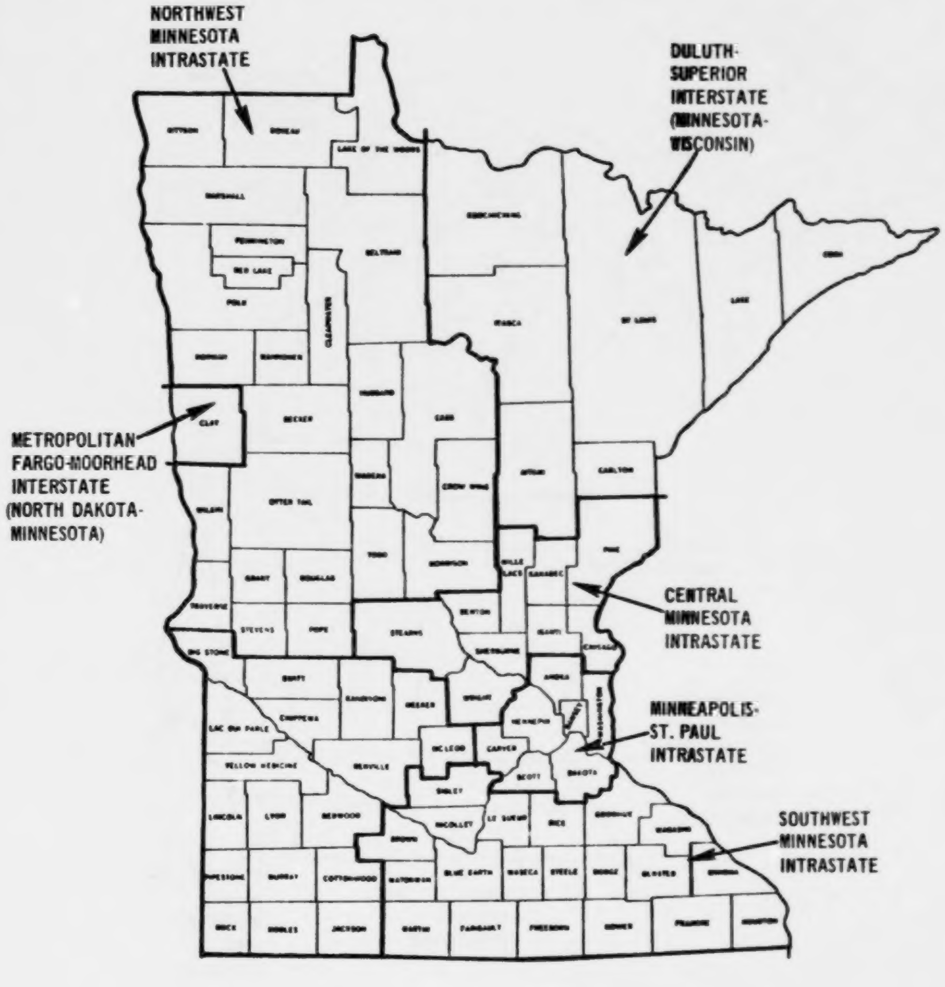
Air Quality Control Regions in Maryland.


BERKSHIRE INTRASTATE
CENTRAL MASSACHUSETTS INTRASTATE
MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE INTERSTATE (MASSACHUSETTS-NEW HAMPSHIRE)
METROPOLITAN BOSTON INTRASTATE
HARTFORD-NEW HAVEN-SPRINGFIELD INTERSTATE (CONNECTICUT-MASSACHUSETTS)
METROPOLITAN PROVIDENCE INTERSTATE (RHODE ISLAND-MASSACHUSETTS)
BERKSHIRE
FRANKLIN
HAMPSHIRE
HAMPDEN
WORCESTER
MIDDLESEX
ESSEX
BROOKLINE
NORFOLK
COHASSET
BRISTOL
PLYMOUTH
BARNSTABLE
DUKES
NANTUCKET

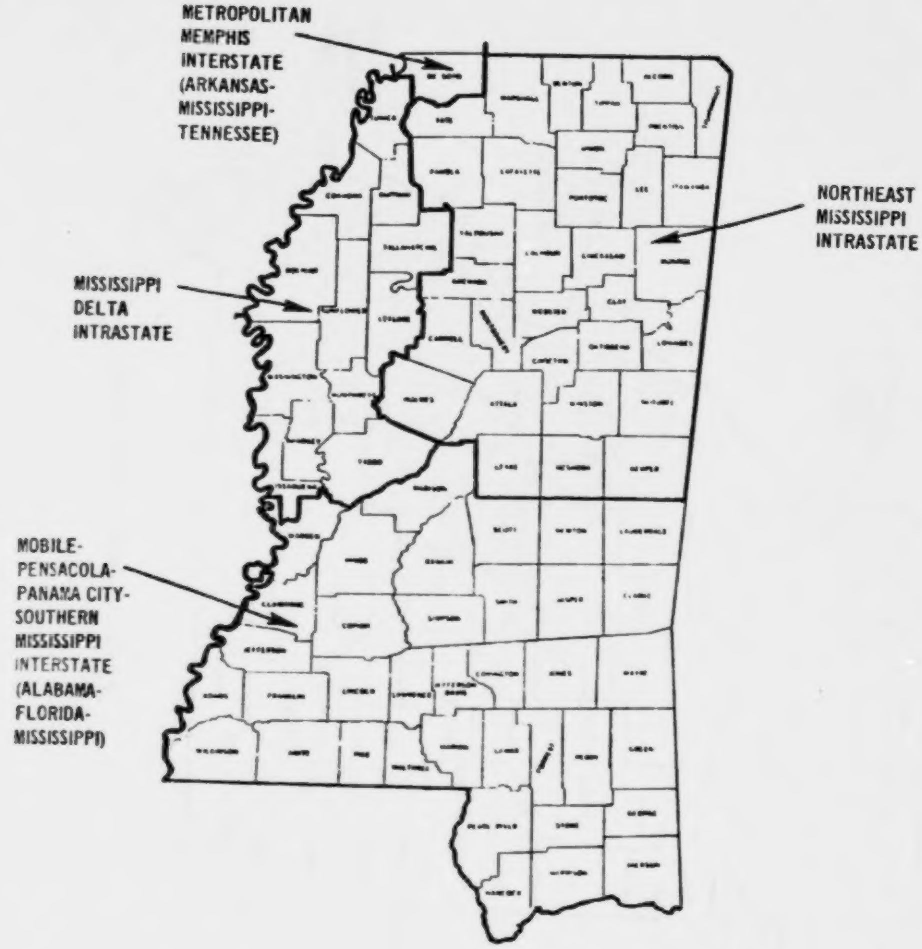
Air Quality Control Regions in Massachusetts.


UPPER MICHIGAN INTRASTATE (NORTHERN PENINNSULA)
METROPOLITAN DETROIT-PORT HURON INTRASTATE
CENTRAL MICHIGAN INTRASTATE
SOUTH BEND-ELKHART-BENTON HARBOR INTERSTATE (INDIANA-MICHIGAN)
SOUTH CENTRAL MICHIGAN INTRASTATE
METROPOLITAN TOLEDO INTERSTATE (OHIO-MICHIGAN)

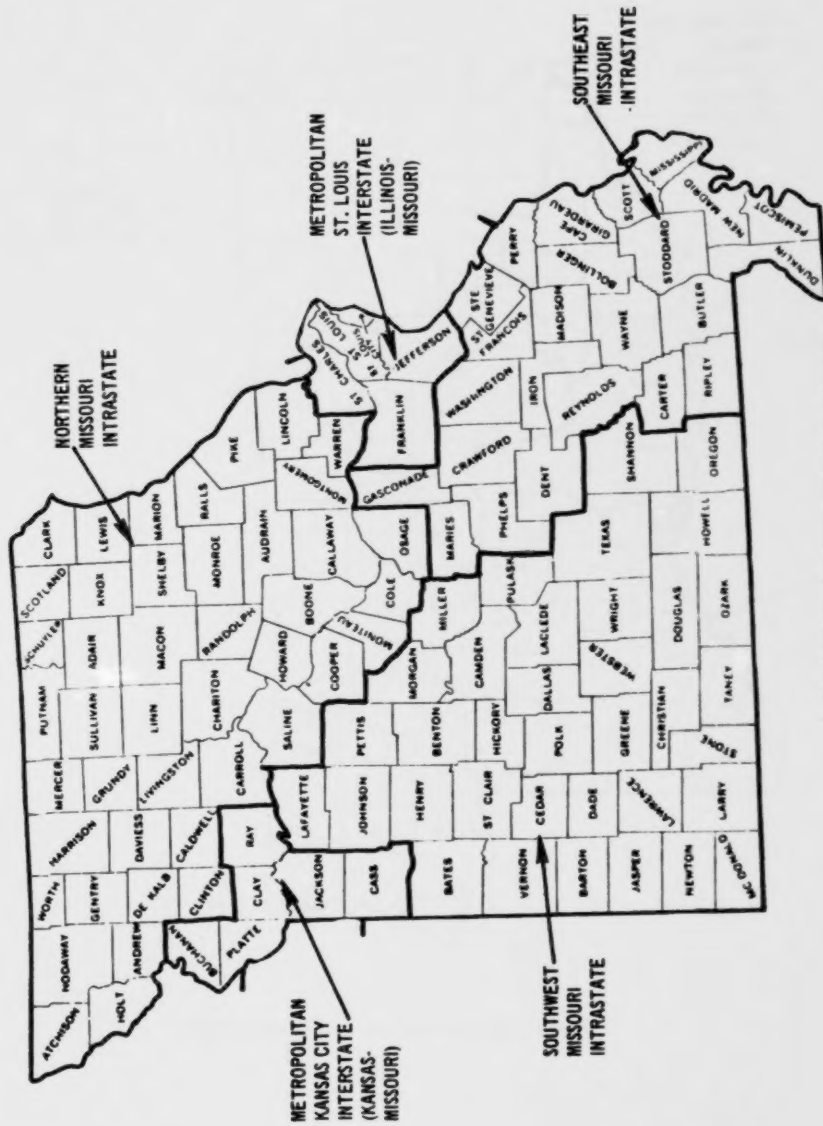
Air Quality Control Regions in Michigan.


NORTHWEST MINNESOTA INTRASTATE
DULUTH-SUPERIOR INTERSTATE (MINNESOTA-WISCONSIN)
METROPOLITAN FARGO-MOORHEAD INTERSTATE (NORTH DAKOTA-MINNESOTA)
CENTRAL MINNESOTA INTRASTATE
MINNEAPOLIS-ST. PAUL INTRASTATE
SOUTHWEST MINNESOTA INTRASTATE

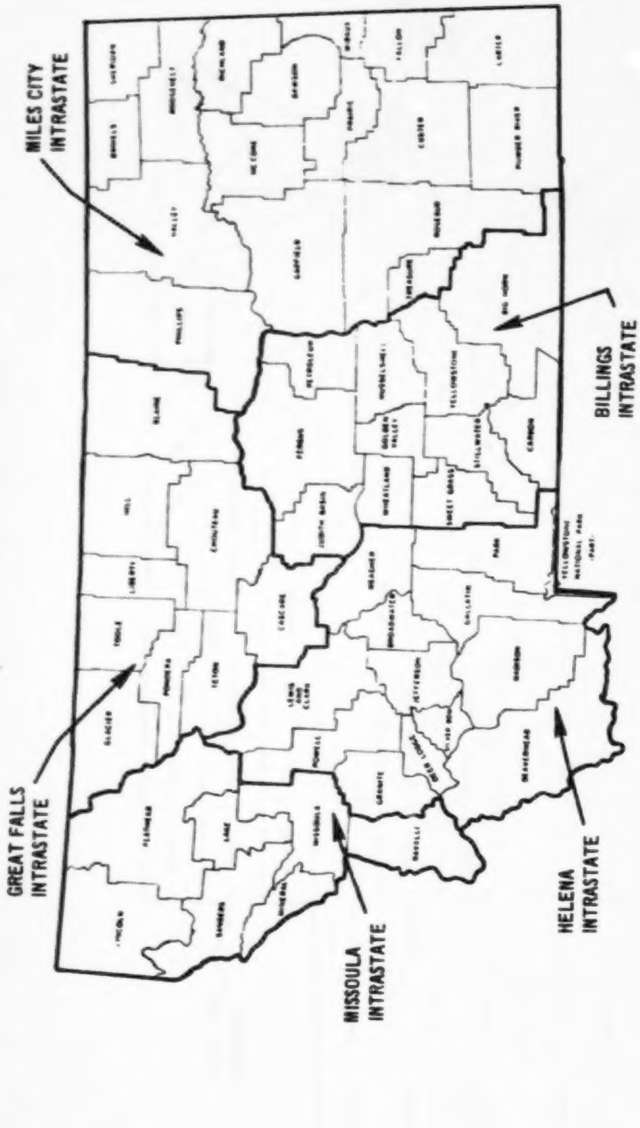
Air Quality Control Regions in Minnesota.


METROPOLITAN MEMPHIS INTERSTATE (ARKANSAS-MISSISSIPPI-TENNESSEE)
NORTHEAST MISSISSIPPI INTRASTATE
MISSISSIPPI DELTA INTRASTATE
MOBILE-PENSACOLA-PANAMA CITY-SOUTHERN MISSISSIPPI INTERSTATE (ALABAMA-FLORIDA-MISSISSIPPI)

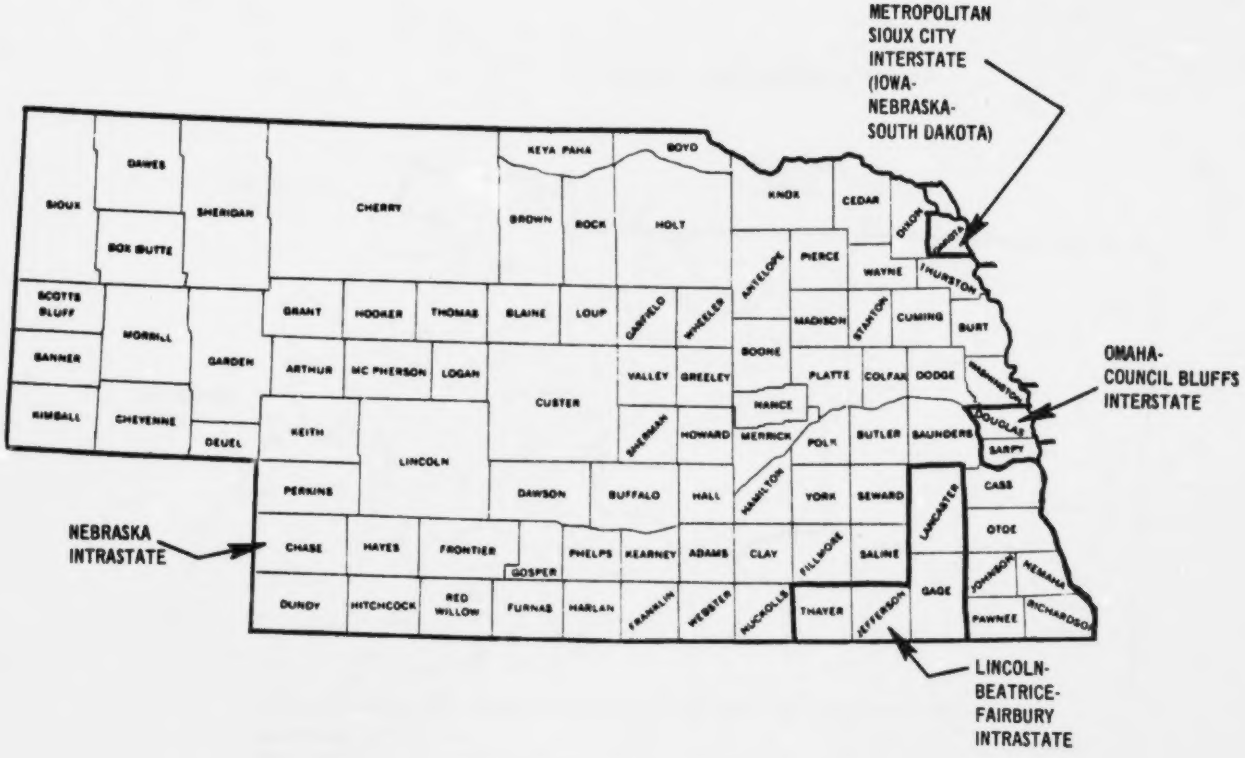
Air Quality Control Regions in Mississippi.



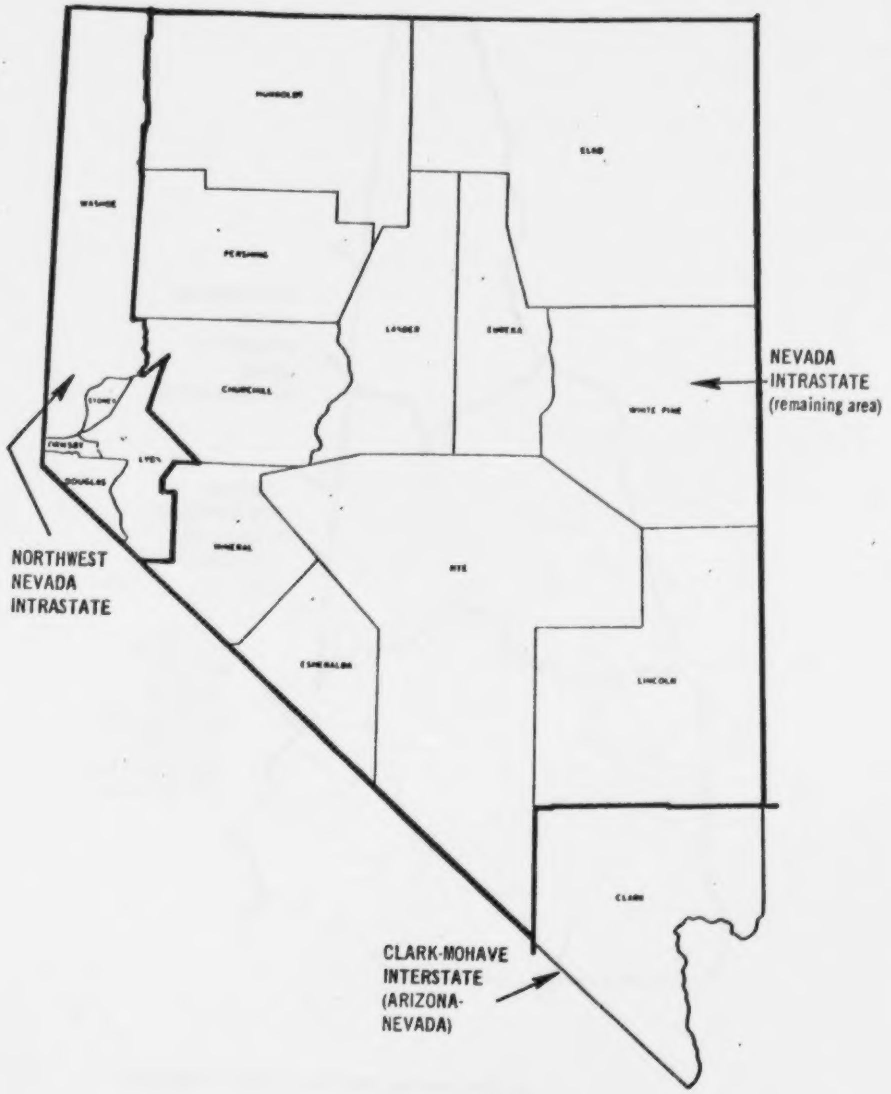
Air Quality Control Regions in Missouri.



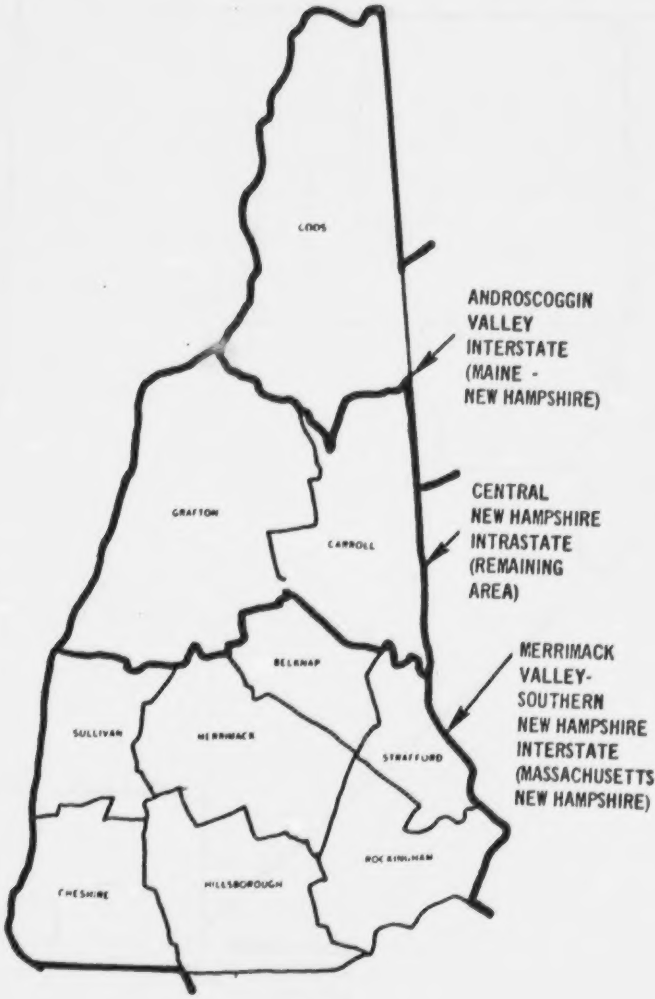
Air Quality Control Regions in Montana.



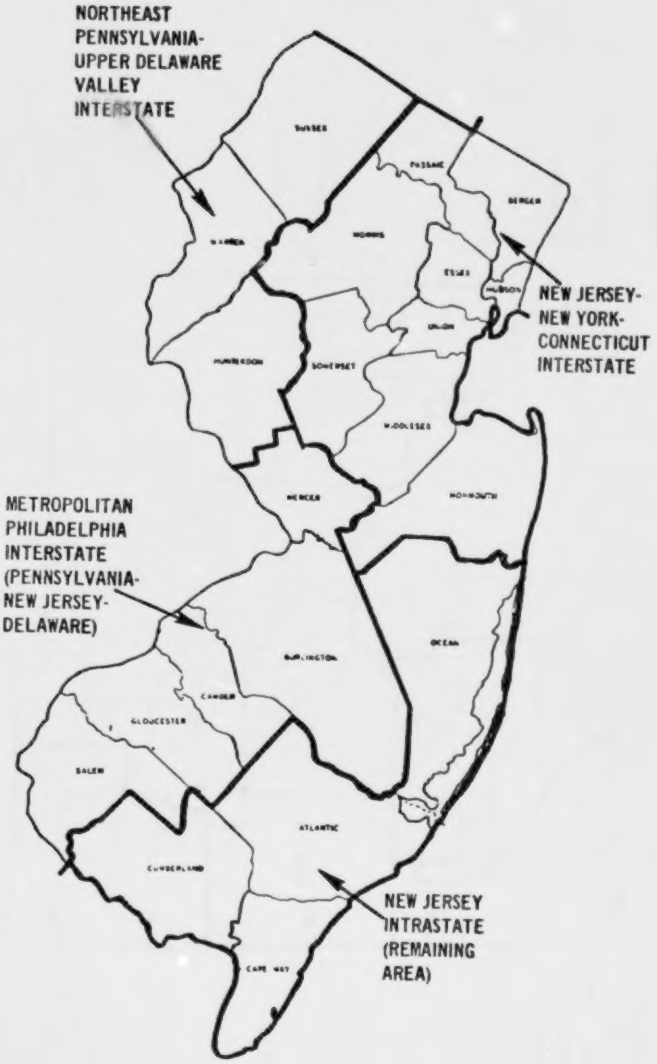
Air Quality Control Regions in Nebraska.



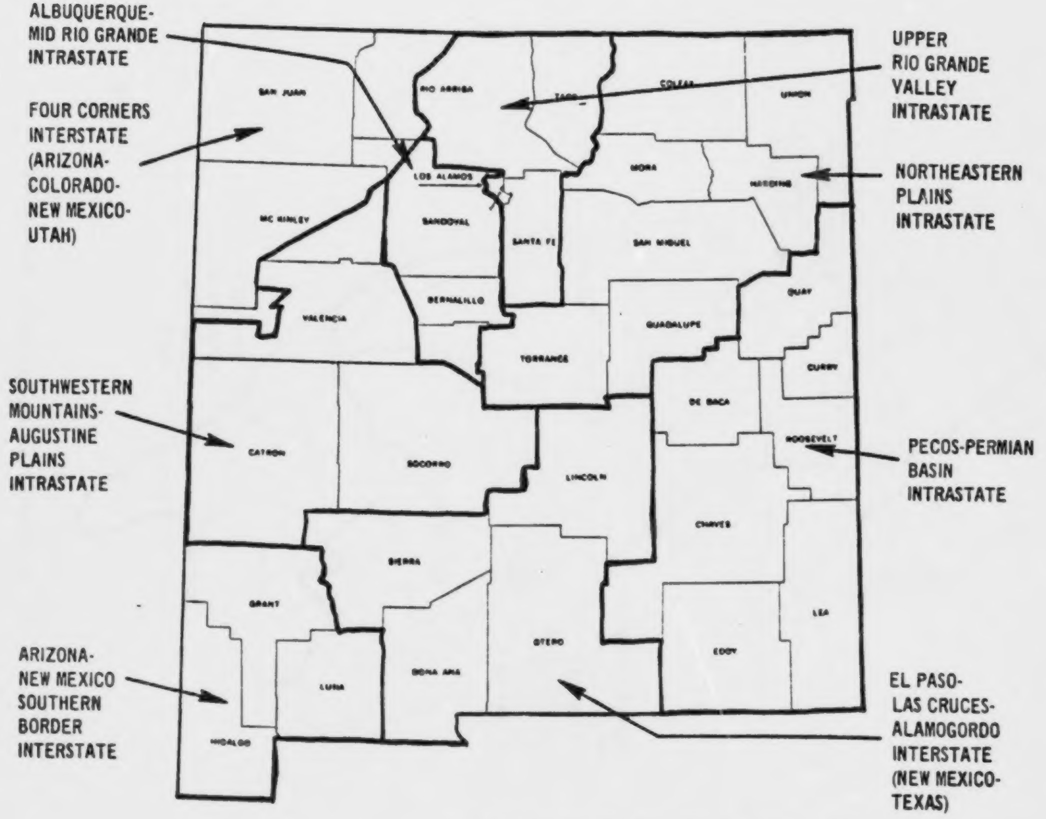
Air Quality Control Regions in Nevada.


COOS
ANDROSCOGGIN VALLEY INTERSTATE (MAINE - NEW HAMPSHIRE)
GRAFTON
CARROLL
CENTRAL NEW HAMPSHIRE INTRASTATE (REMAINING AREA)
BELKNAP
MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE INTERSTATE (MASSACHUSETTS-NEW HAMPSHIRE)
SULLIVAN
MERRIMACK
STRAFFORD
ROCKINGHAM
CHESHIRE
HILLSBOROUGH

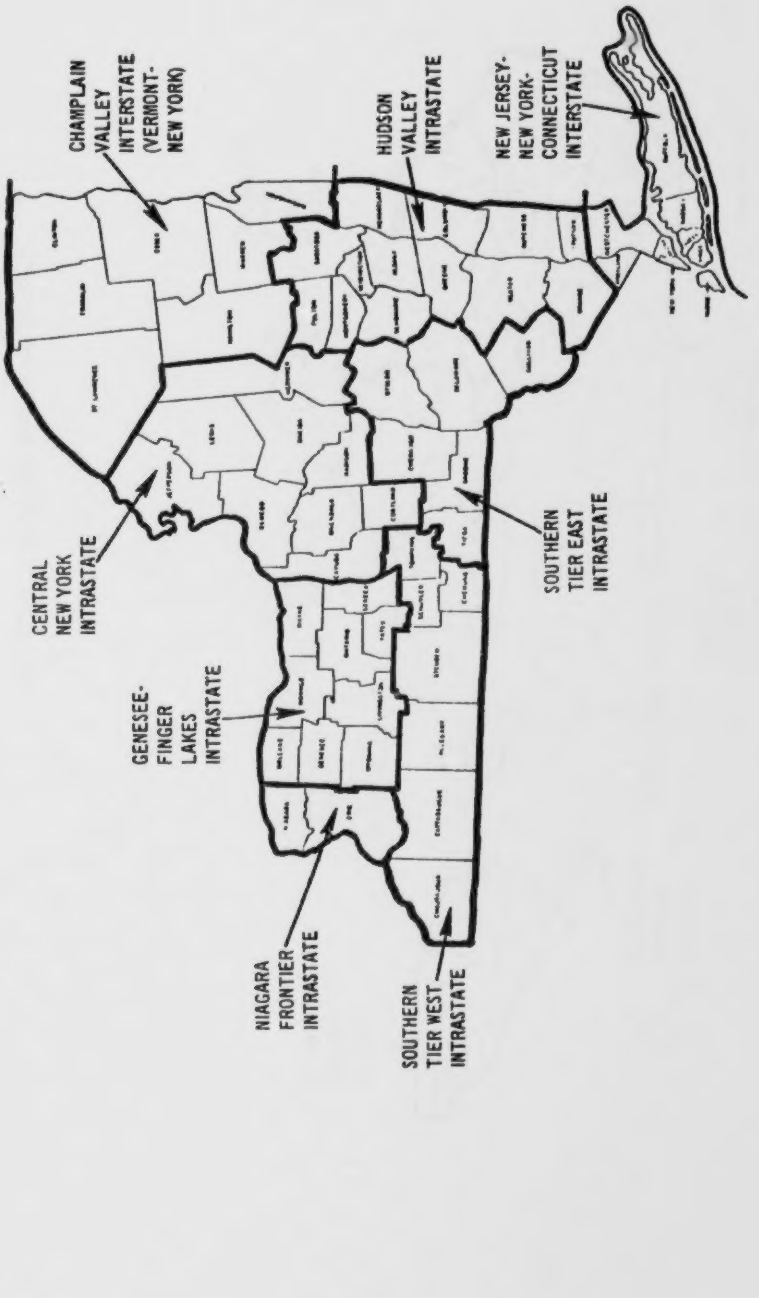
Air Quality Control Regions in New Hampshire.


NORTHEAST PENNSYLVANIA-UPPER DELAWARE VALLEY INTERSTATE
NEW JERSEY-NEW YORK-CONNECTICUT INTERSTATE
METROPOLITAN PHILADELPHIA INTERSTATE (PENNSYLVANIA-NEW JERSEY-DELAWARE)
NEW JERSEY INTRASTATE (REMAINING AREA)
SUSSEX
PASSAIC
BERGEN
WARREN
MORRIS
ESSEX
HUDSON
UNION
HUNTERDON
SOMERSET
MIDDLESEX
MERCER
MONMOUTH
BURLINGTON
OCEAN
CAMDEN
GLOUCESTER
SALEM
ATLANTIC
CUMBERLAND
CAPE MAY

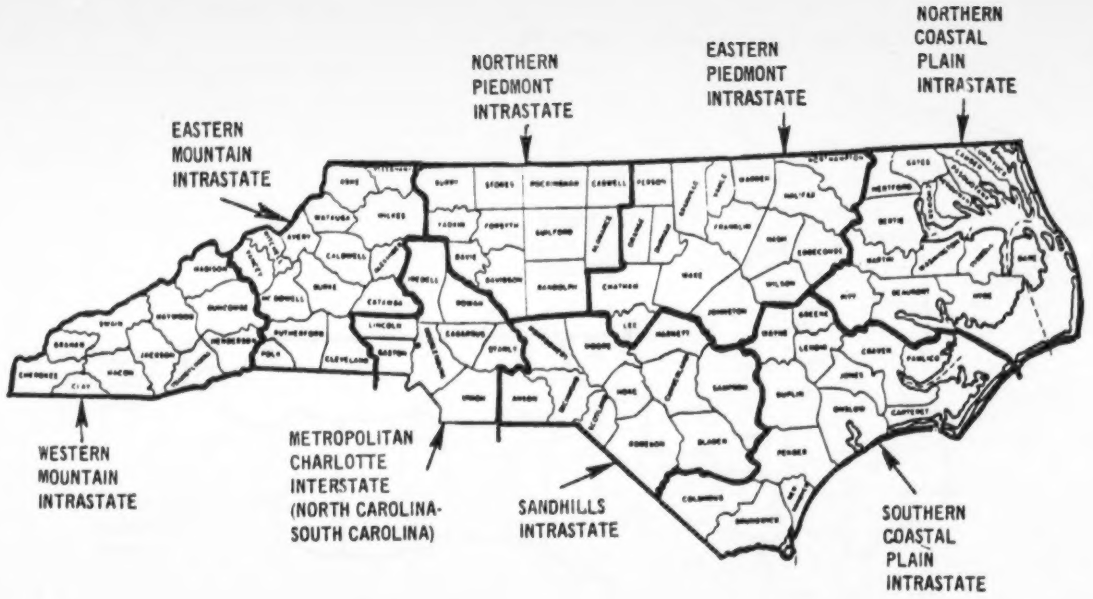
Air Quality Control Regions in New Jersey.


ALBUQUERQUE-MID RIO GRANDE INTRASTATE
FOUR CORNERS INTERSTATE (ARIZONA-COLORADO-NEW MEXICO-UTAH)
SOUTHWESTERN MOUNTAINS-AUGUSTINE PLAINS INTRASTATE
ARIZONA-NEW MEXICO SOUTHERN BORDER INTERSTATE
UPPER RIO GRANDE VALLEY INTRASTATE
NORTHEASTERN PLAINS INTRASTATE
PECOS-PERMIAN BASIN INTRASTATE
EL PASO-LAS CRUCES-ALAMOGORDO INTERSTATE (NEW MEXICO-TEXAS)
SAN JUAN
RIO ARRIBA
TAOS
COLFAX
UNION
MC KINLEY
LOS ALAMOS
SANDOVAL
SANTA FE
MORA
HARDING
SAN MIGUEL
VALENCIA
BERNALILLO
TORRANCE
GUADALUPE
QUAY
CURRY
DE BACA
ROOSEVELT
CATRON
SOCORRO
LINCOLN
CHAVES
SIERRA
GRANT
LUNA
DONA ANA
OTERO
EDDY
LEA
HIDALGO

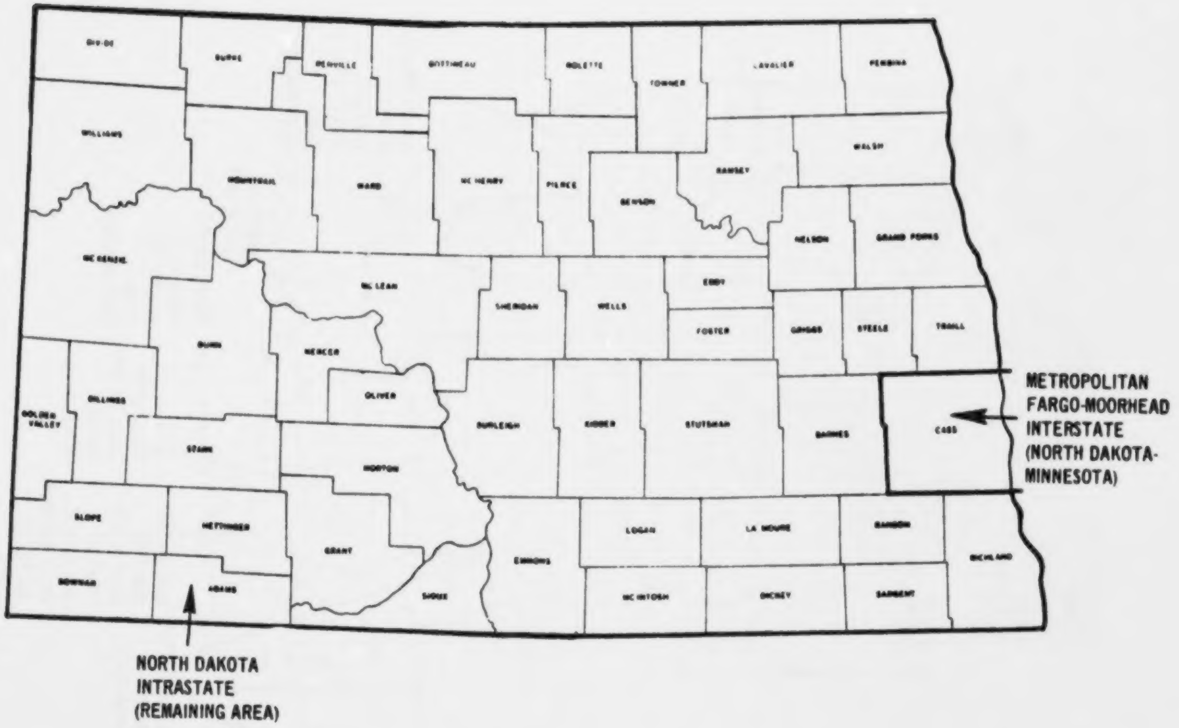
Air Quality Control Regions in New Mexico.


CHAMPLAIN VALLEY INTERSTATE (VERMONT-NEW YORK)
HUDSON VALLEY INTRASTATE
NEW JERSEY-NEW YORK-CONNECTICUT INTERSTATE
CENTRAL NEW YORK INTRASTATE
SOUTHERN TIER EAST INTRASTATE
GENESEE-FINGER LAKES INTRASTATE
NIAGARA FRONTIER INTRASTATE
SOUTHERN TIER WEST INTRASTATE

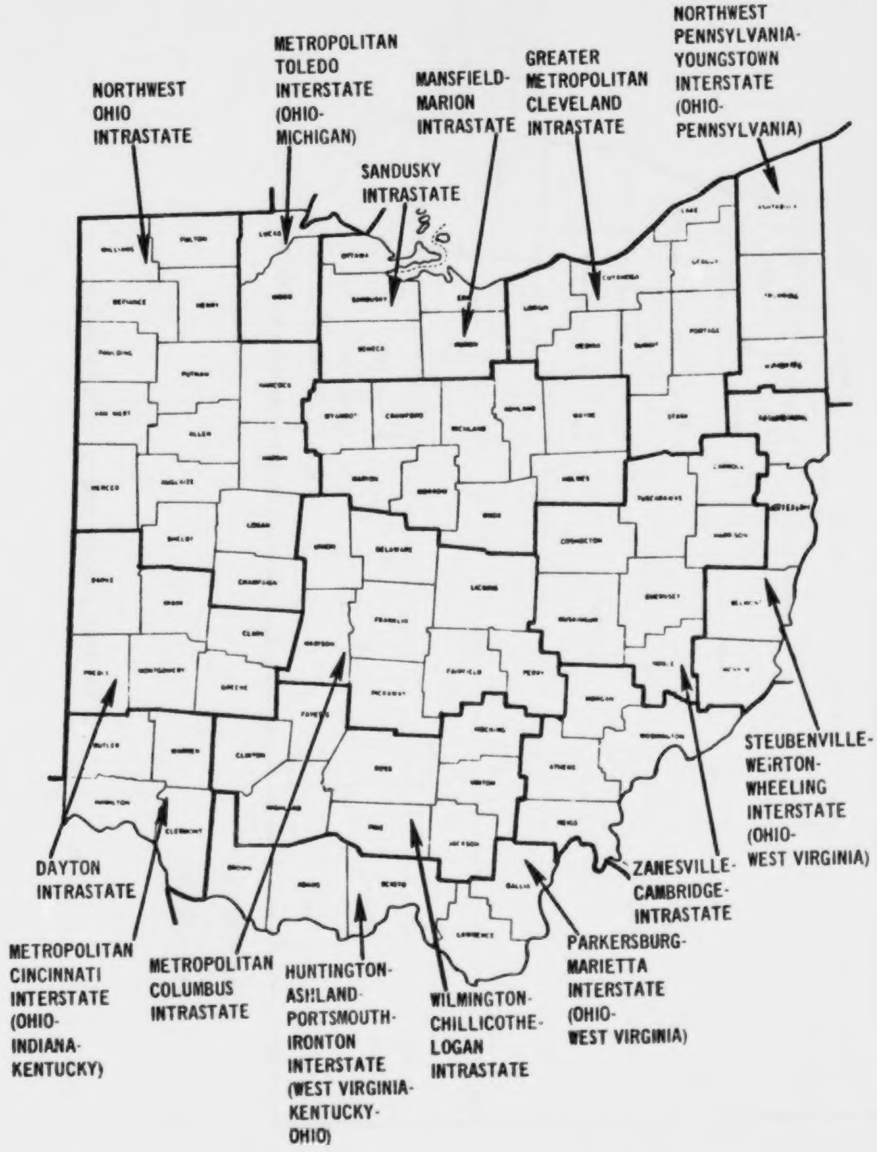
Air Quality Control Regions in New York.


NORTHERN COASTAL PLAIN INTRASTATE
EASTERN PIEDMONT INTRASTATE
NORTHERN PIEDMONT INTRASTATE
EASTERN MOUNTAIN INTRASTATE
WESTERN MOUNTAIN INTRASTATE
METROPOLITAN CHARLOTTE INTERSTATE (NORTH CAROLINA-SOUTH CAROLINA)
SANDHILLS INTRASTATE
SOUTHERN COASTAL PLAIN INTRASTATE

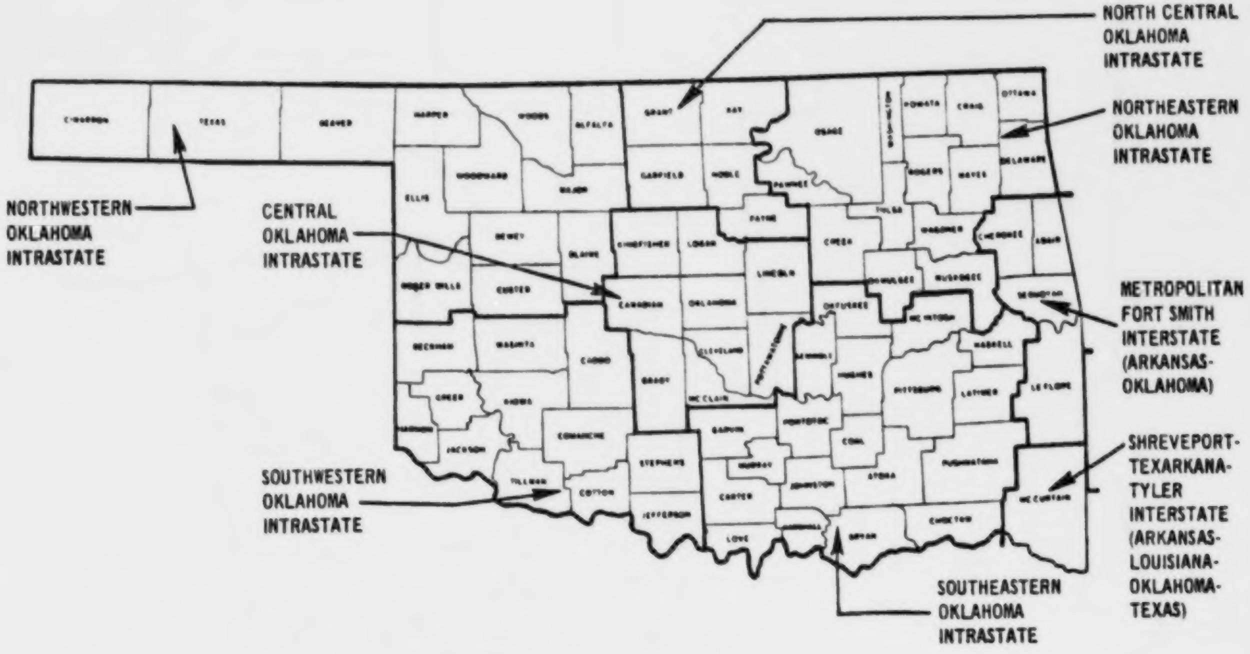
Air Quality Control Regions in North Carolina.



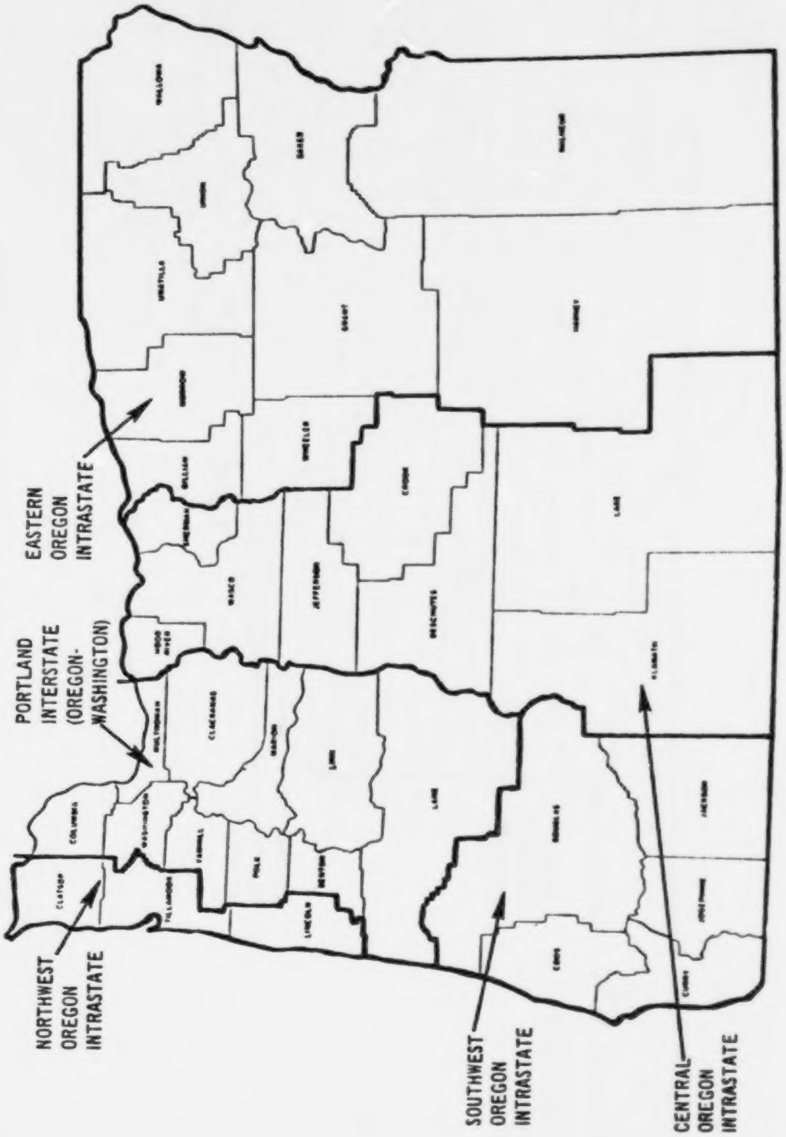
Air Quality Control Regions in North Dakota.


NORTHWEST OHIO INTRASTATE
METROPOLITAN TOLEDO INTERSTATE (OHIO-MICHIGAN)
SANDUSKY INTRASTATE
MANSFIELD-MARION INTRASTATE
GREATER METROPOLITAN CLEVELAND INTRASTATE
NORTHWEST PENNSYLVANIA-YOUNGSTOWN INTERSTATE (OHIO-PENNSYLVANIA)
STEUBENVILLE-WEIRTON-WHEELING INTERSTATE (OHIO-WEST VIRGINIA)
ZANESVILLE-CAMBRIDGE-INTRASTATE
PARKERSBURG-MARIETTA INTERSTATE (OHIO-WEST VIRGINIA)
WILMINGTON-CHILLICOTHE-LOGAN INTRASTATE
HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON INTERSTATE (WEST VIRGINIA-KENTUCKY-OHIO)
METROPOLITAN COLUMBUS INTRASTATE
METROPOLITAN CINCINNATI INTERSTATE (OHIO-INDIANA-KENTUCKY)
DAYTON INTRASTATE

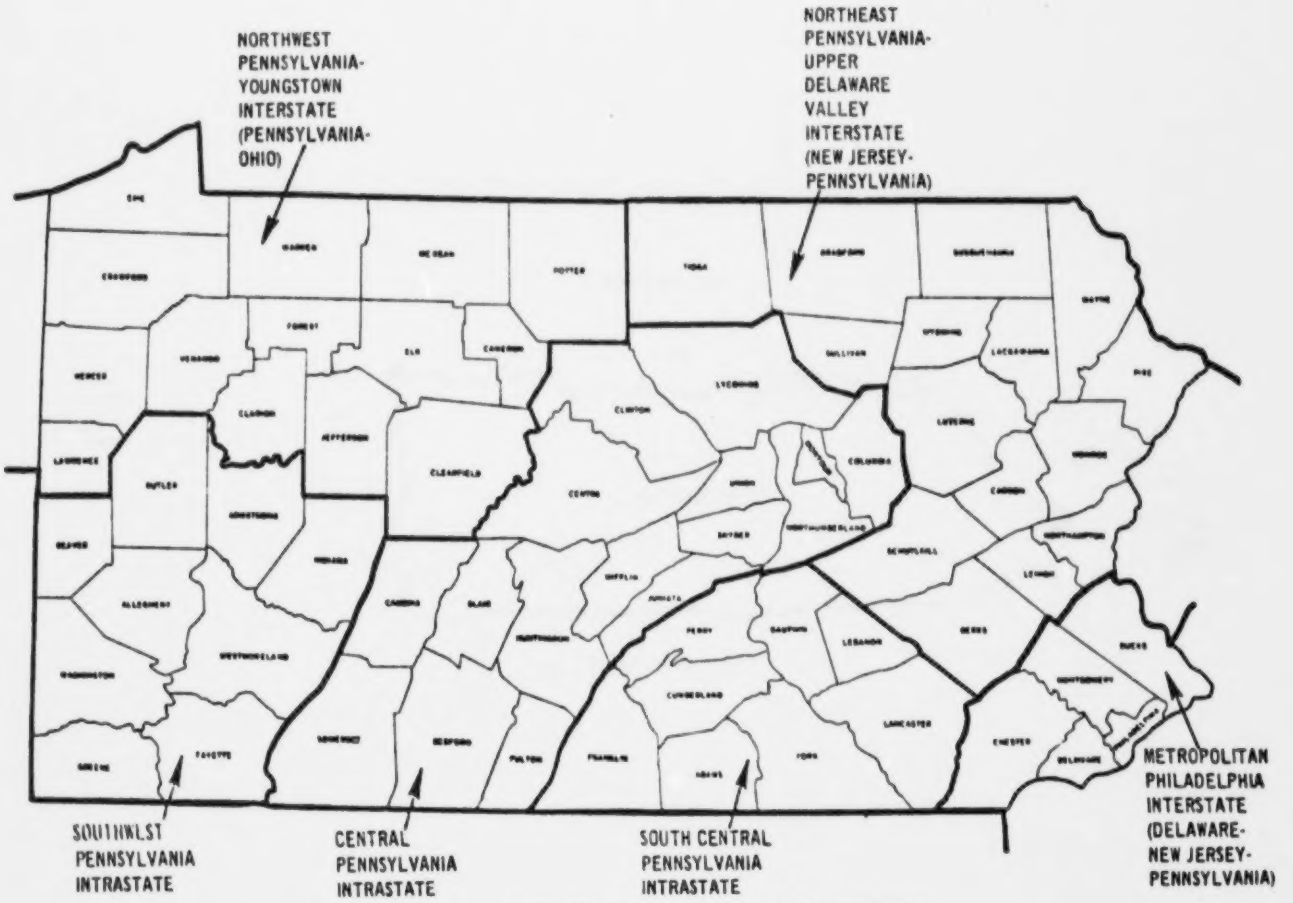
Air Quality Control Regions in Ohio.



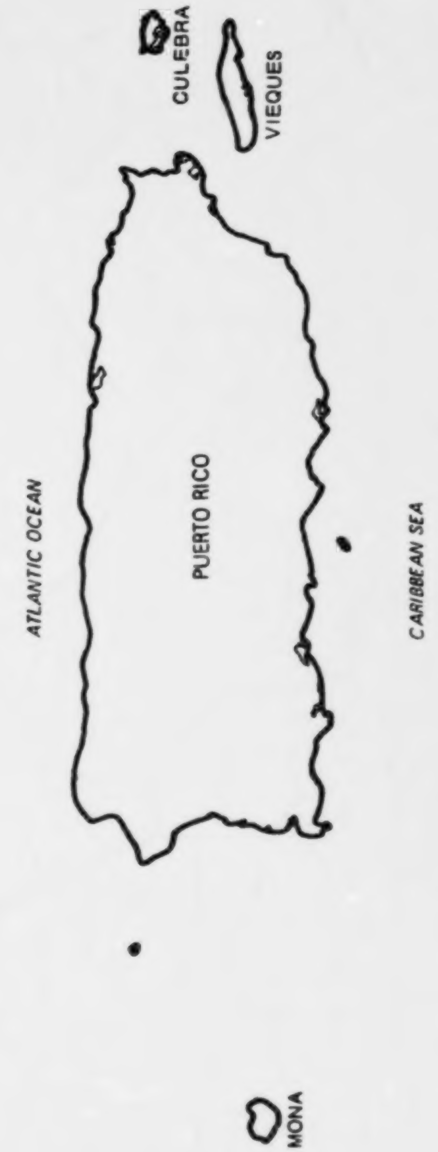
Air Quality Control Regions in Oklahoma.



Air Quality Control Regions in Oregon.

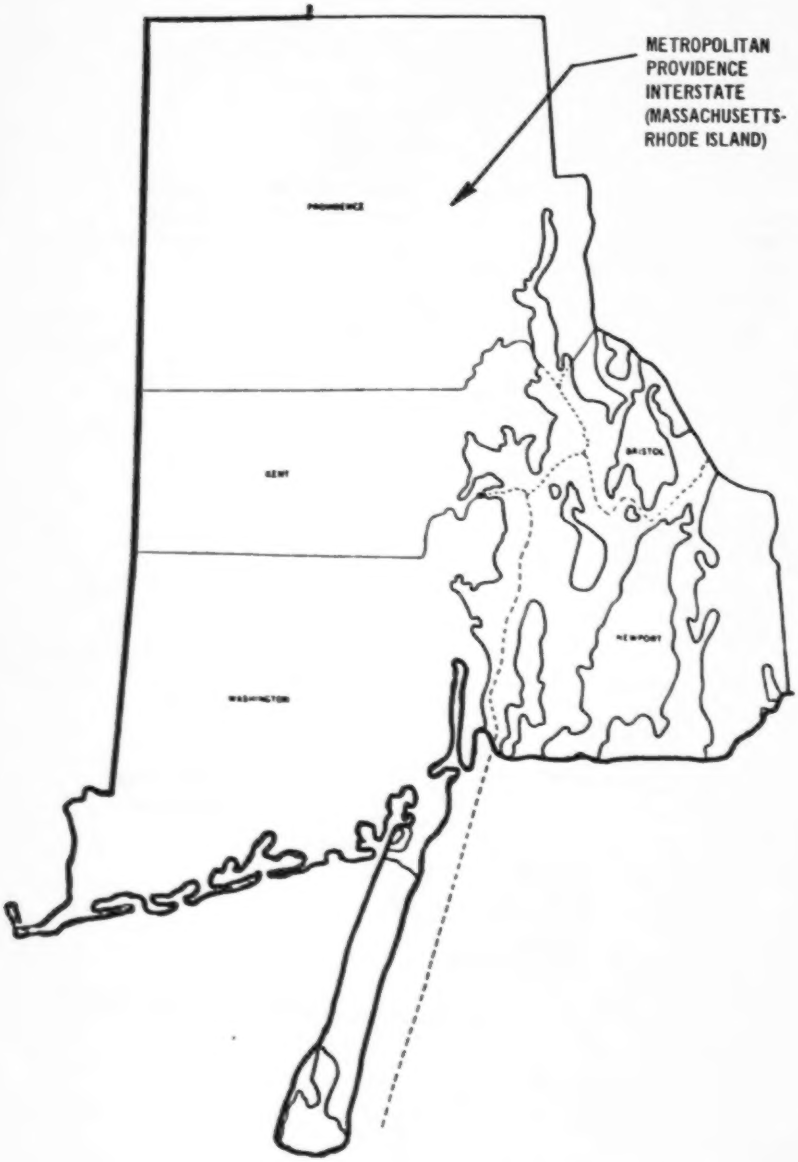

NORTHWEST PENNSYLVANIA-YOUNGSTOWN INTERSTATE (PENNSYLVANIA-OHIO)
NORTHEAST PENNSYLVANIA-UPPER DELAWARE VALLEY INTERSTATE (NEW JERSEY-PENNSYLVANIA)
SOUTHWEST PENNSYLVANIA INTRASTATE
CENTRAL PENNSYLVANIA INTRASTATE
SOUTH CENTRAL PENNSYLVANIA INTRASTATE
METROPOLITAN PHILADELPHIA INTERSTATE (DELAWARE-NEW JERSEY-PENNSYLVANIA)

Air Quality Control Regions in Pennsylvania.

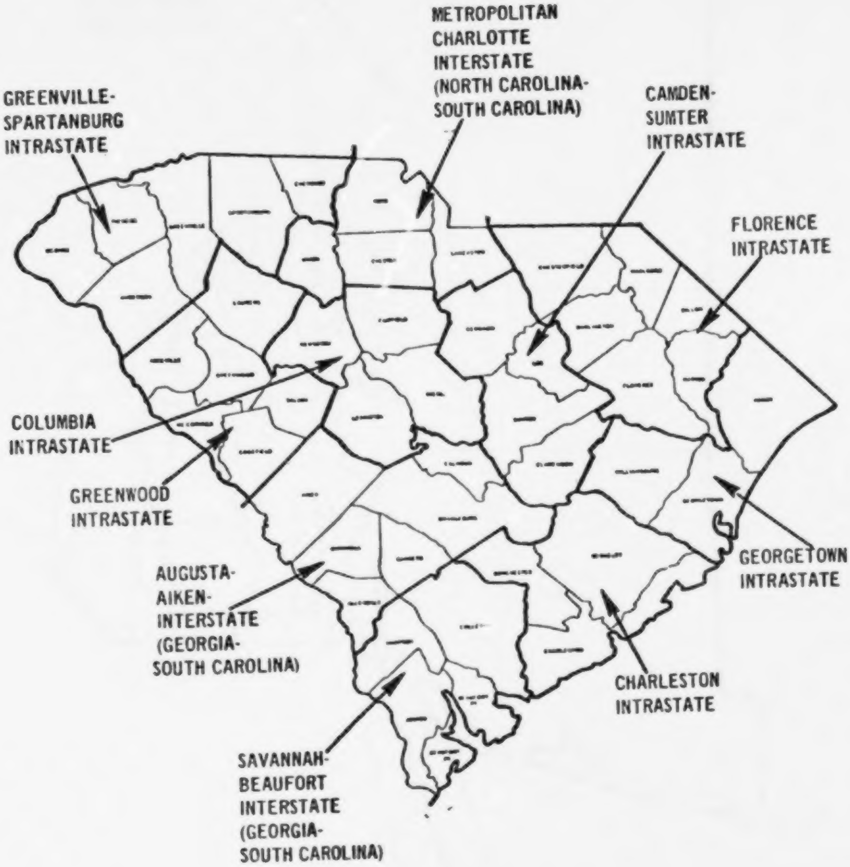


Air Quality Control Region in Commonwealth of Puerto Rico.

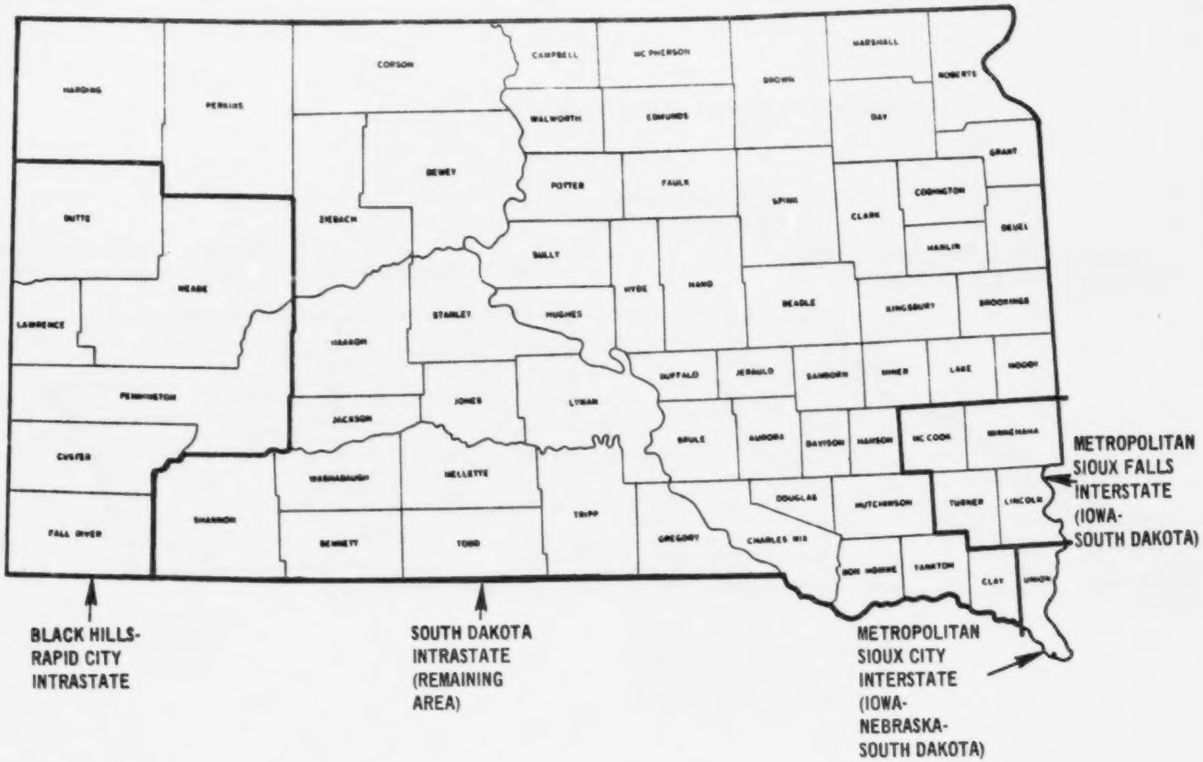
**Commonwealth of Puerto Rico**



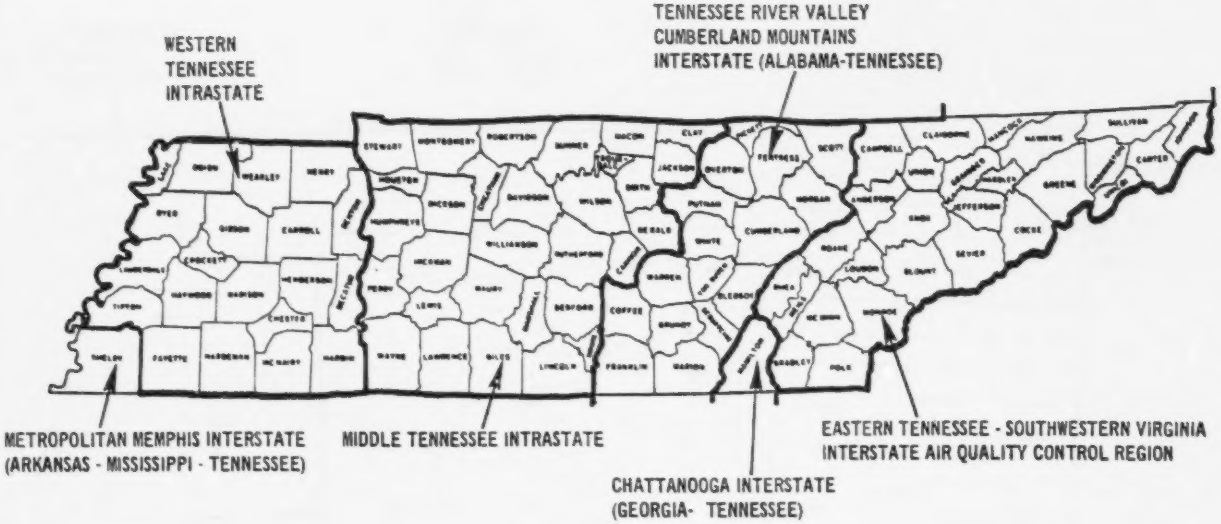
Air Quality Control Region in Rhode Island.


METROPOLITAN CHARLOTTE INTERSTATE (NORTH CAROLINA-SOUTH CAROLINA)
GREENVILLE-SPARTANBURG INTRASTATE
CAMDEN-SUMTER INTRASTATE
FLORENCE INTRASTATE
COLUMBIA INTRASTATE
GREENWOOD INTRASTATE
AUGUSTA-AIKEN-INTERSTATE (GEORGIA-SOUTH CAROLINA)
GEORGETOWN INTRASTATE
CHARLESTON INTRASTATE
SAVANNAH-BEAUFORT INTERSTATE (GEORGIA-SOUTH CAROLINA)

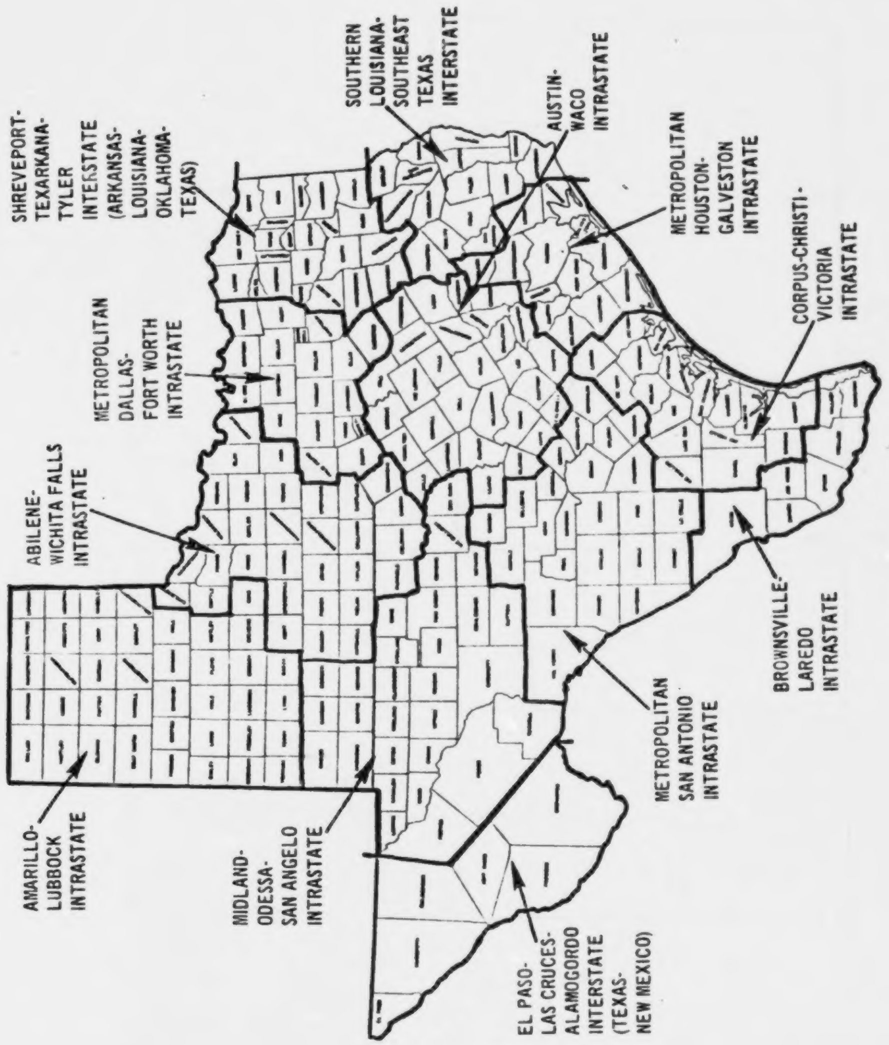
Air Quality Control Regions in South Carolina.



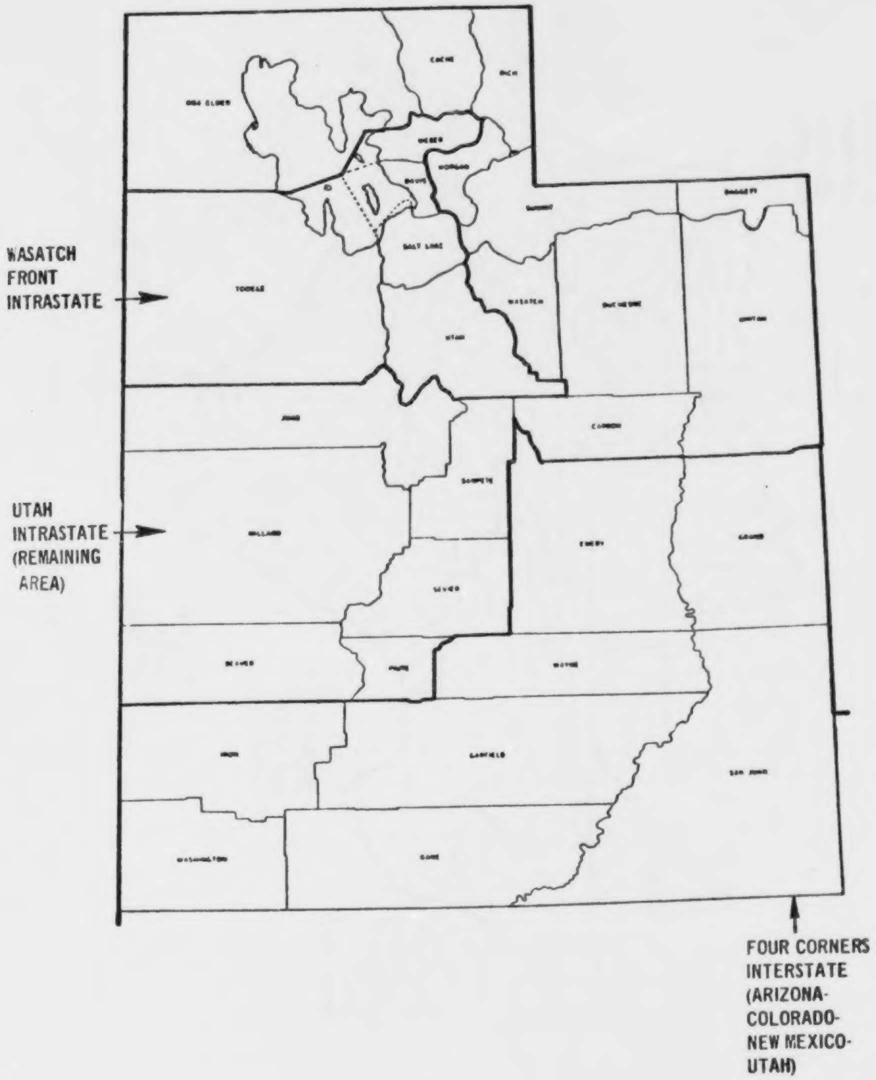
Air Quality Control Regions in South Dakota.



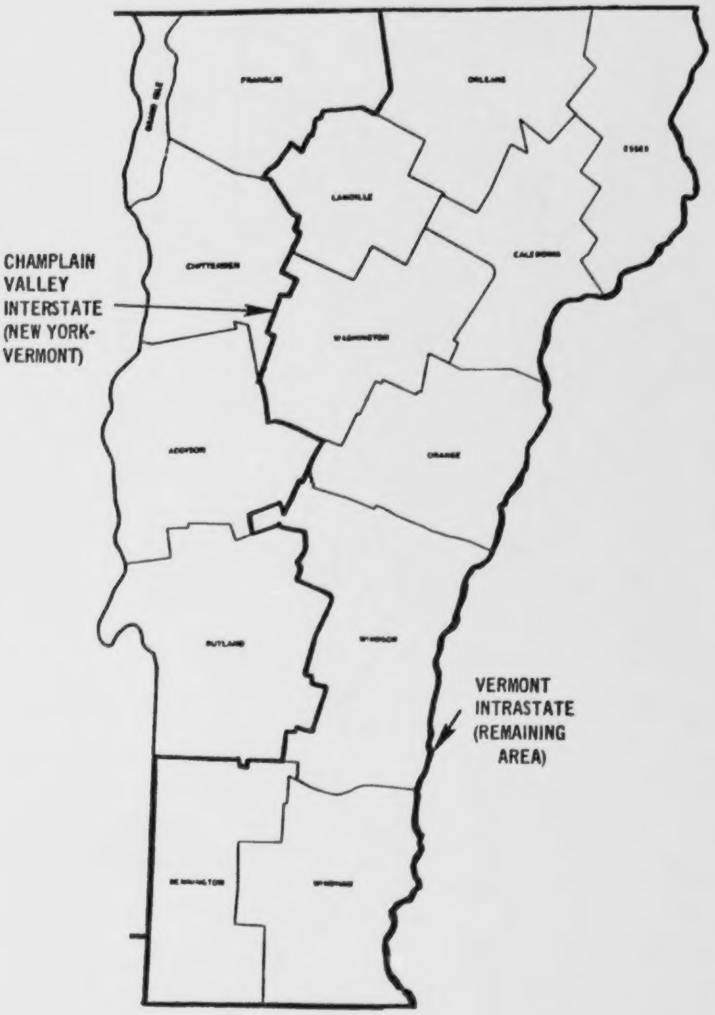
Air Quality Control Regions in Tennessee.


AMARILLO-LUBBOCK INTRASTATE
ABILENE-WICHITA FALLS INTRASTATE
METROPOLITAN DALLAS-FORT WORTH INTRASTATE
SHREVEPORT-TEXARKANA-TYLER INTERSTATE (ARKANSAS-LOUISIANA-OKLAHOMA-TEXAS)
SOUTHERN LOUISIANA-SOUTHEAST TEXAS INTERSTATE
AUSTIN-WACO INTRASTATE
METROPOLITAN HOUSTON-GALVESTON INTRASTATE
CORPUS-CHRISTI-VICTORIA INTRASTATE
BROWNSVILLE-LAREDO INTRASTATE
METROPOLITAN SAN ANTONIO INTRASTATE
MIDLAND-ODESSA-SAN ANGELO INTRASTATE
EL PASO-LAS CRUCES-ALAMOGORDO INTERSTATE (TEXAS-NEW MEXICO)

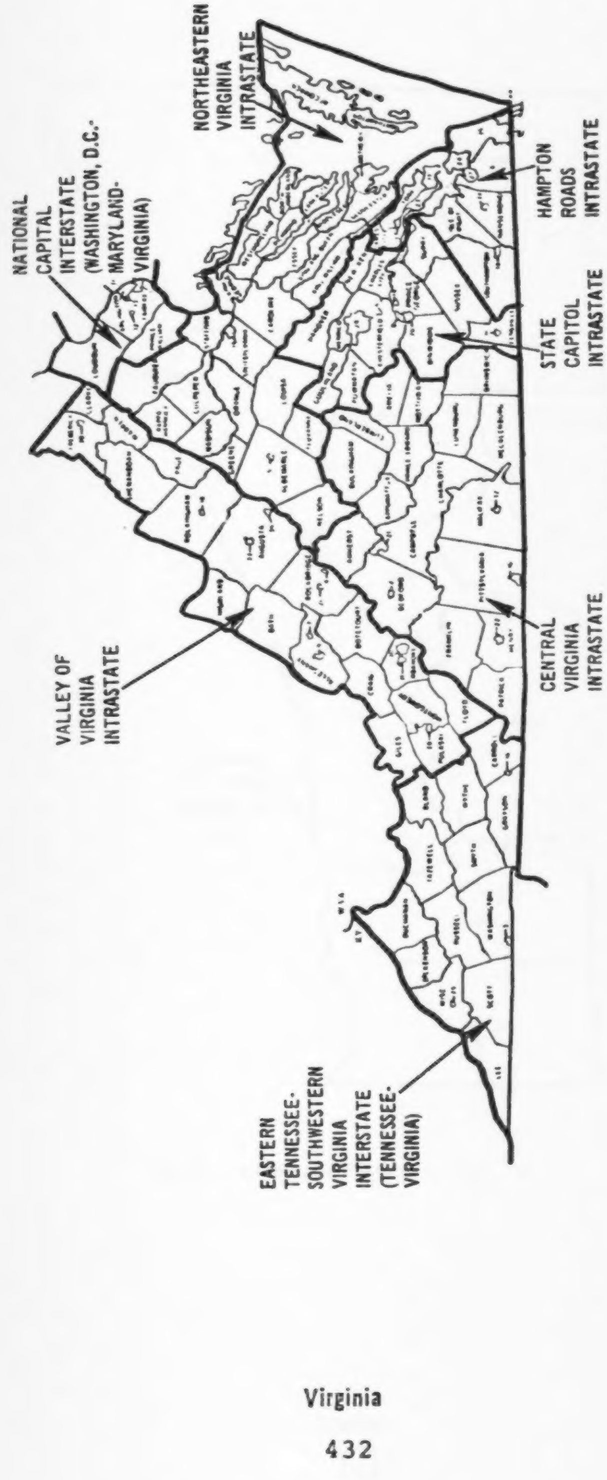
Air Quality Control Regions in Texas.



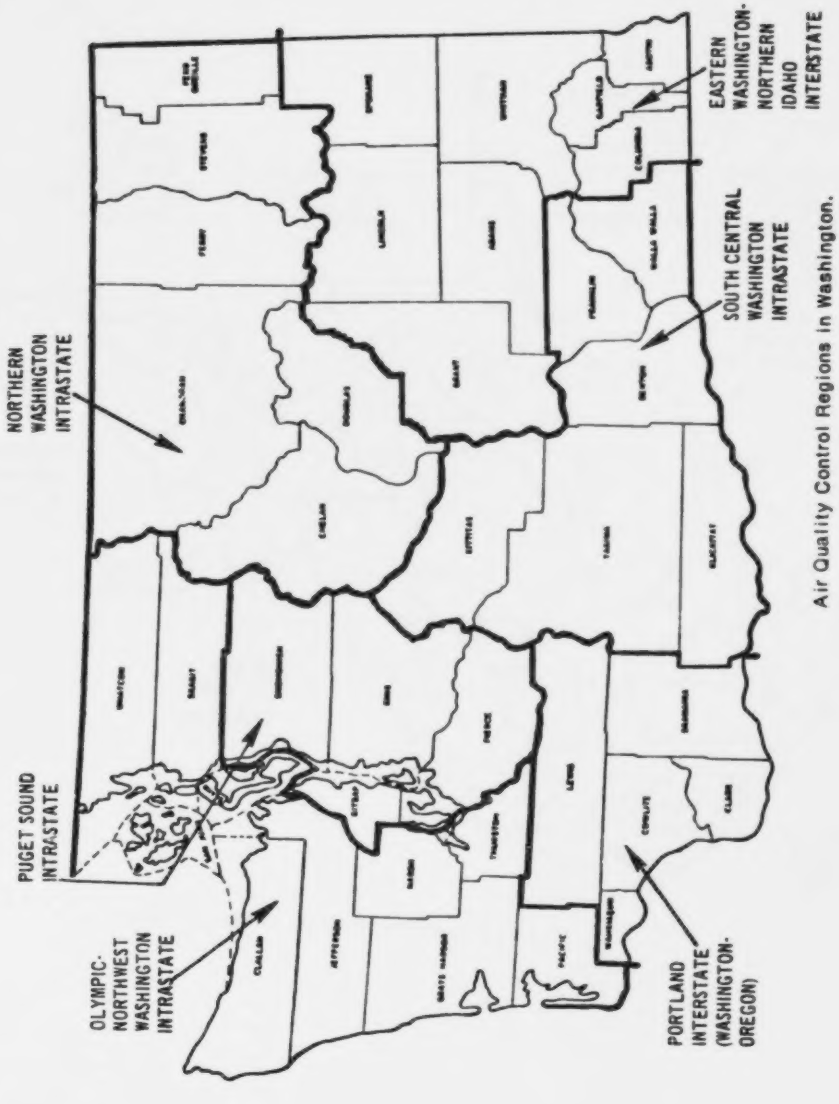
Air Quality Control Regions in Utah.



Air Quality Control Regions in Vermont.

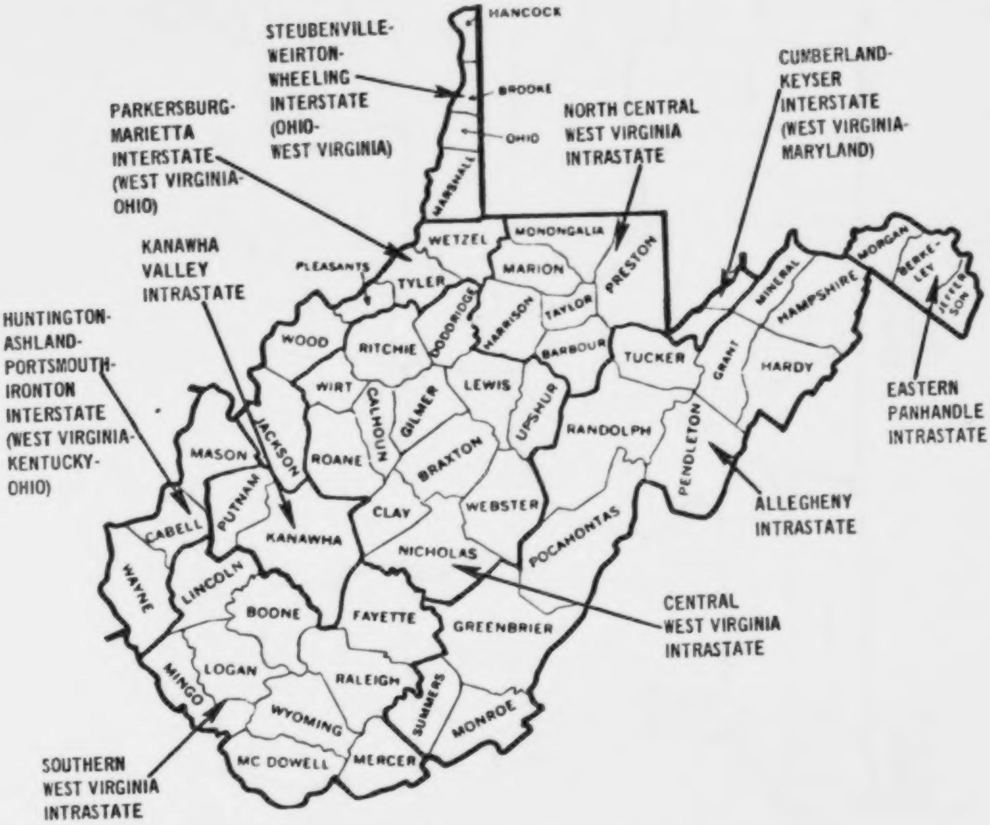

NATIONAL CAPITAL INTERSTATE (WASHINGTON, D.C.-MARYLAND-VIRGINIA)
NORTHEASTERN VIRGINIA INTRASTATE
HAMPTON ROADS INTRASTATE
STATE CAPITOL INTRASTATE
CENTRAL VIRGINIA INTRASTATE
VALLEY OF VIRGINIA INTRASTATE
EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA INTERSTATE (TENNESSEE-VIRGINIA)
W VA
KY

Air Quality Control Regions in Virginia.

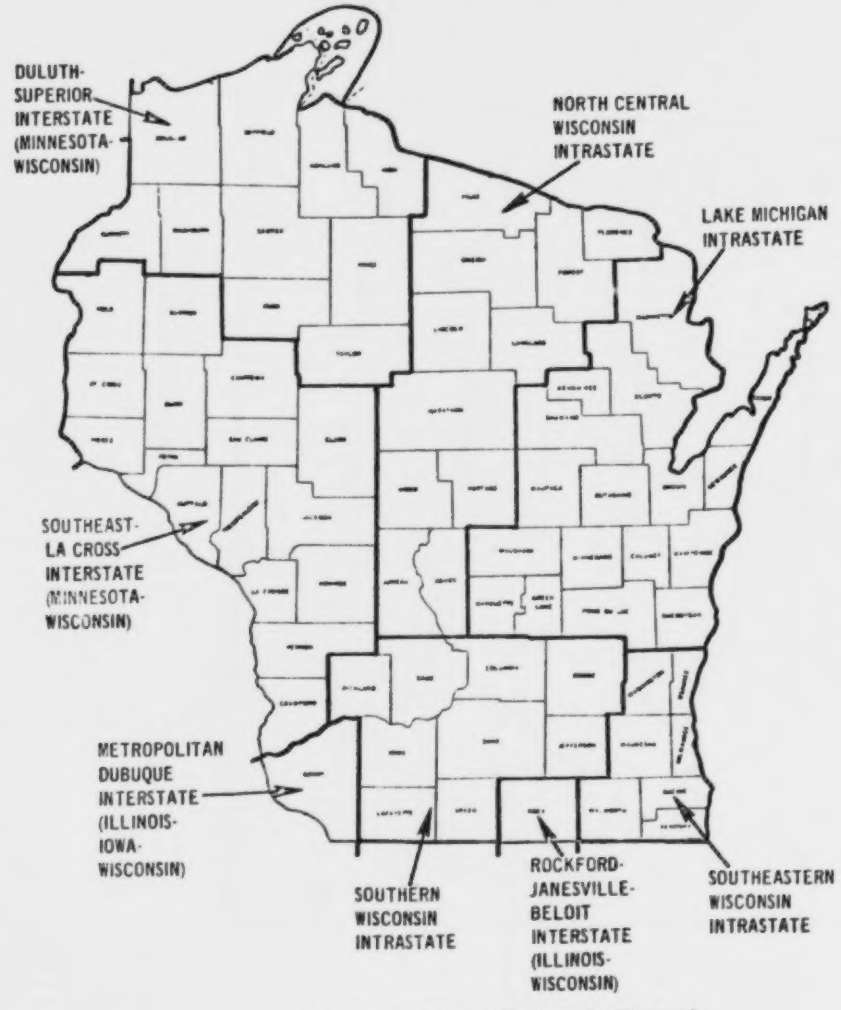

NORTHERN WASHINGTON INTRASTATE
EASTERN WASHINGTON-NORTHERN IDAHO INTERSTATE
SOUTH CENTRAL WASHINGTON INTRASTATE
PUGET SOUND INTRASTATE
OLYMPIC-NORTHWEST WASHINGTON INTRASTATE
PORTLAND INTERSTATE (WASHINGTON-OREGON)

Air Quality Control Regions in Washington.

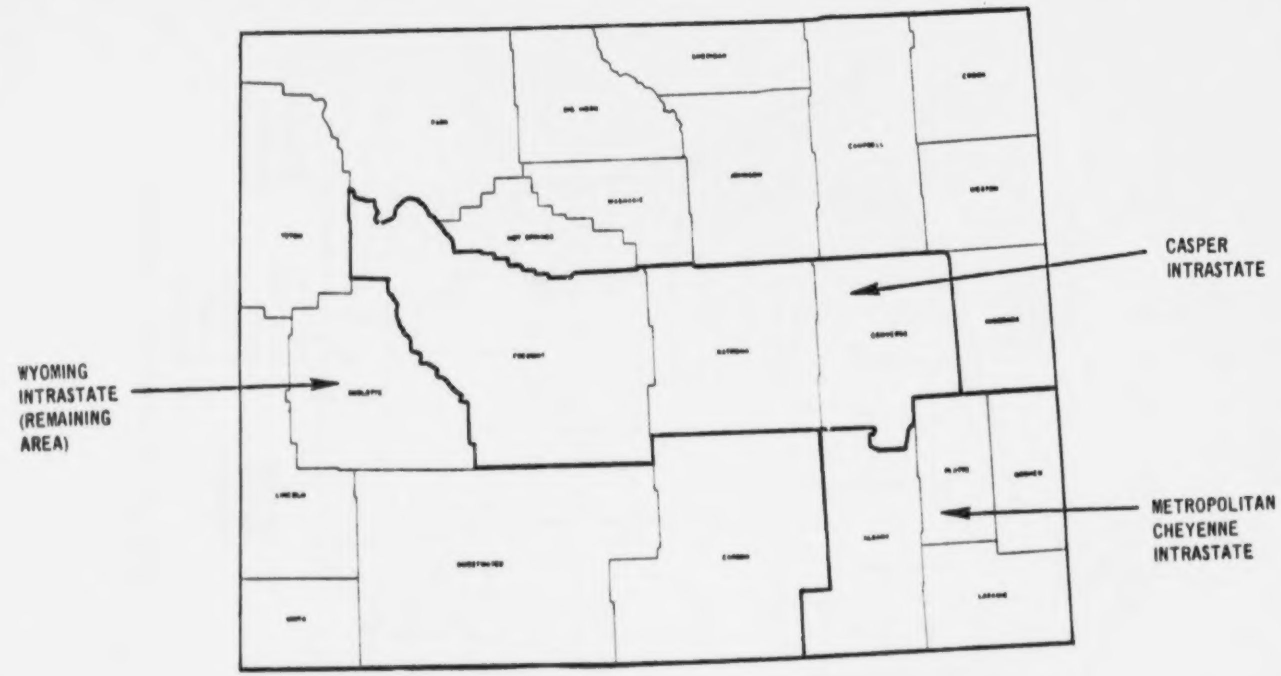
**Washington**


STEUBENVILLE-WEIRTON-WHEELING INTERSTATE (OHIO-WEST VIRGINIA)
PARKERSBURG-MARIETTA INTERSTATE (WEST VIRGINIA-OHIO)
NORTH CENTRAL WEST VIRGINIA INTRASTATE
CUMBERLAND-KEYSER INTERSTATE (WEST VIRGINIA-MARYLAND)
KANAWHA VALLEY INTRASTATE
HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON INTERSTATE (WEST VIRGINIA-KENTUCKY-OHIO)
EASTERN PANHANDLE INTRASTATE
ALLEGHENY INTRASTATE
CENTRAL WEST VIRGINIA INTRASTATE
SOUTHERN WEST VIRGINIA INTRASTATE
HANCOCK
BROOKE
OHIO
MARSHALL
WETZEL
MONONGALIA
PLEASANTS
TYLER
MARION
PRESTON
MINERAL
MORGAN
BERKELEY
JEFFERSON
HAMPSHIRE
DODDRIDGE
HARRISON
TAYLOR
WOOD
RITCHIE
BARBOUR
TUCKER
GRANT
HARDY
WIRT
CALHOUN
GILMER
LEWIS
UPSHUR
RANDOLPH
JACKSON
MASON
ROANE
BRAXTON
PENDLETON
PUTNAM
CLAY
WEBSTER
CABELL
KANAWHA
POCAHONTAS
NICHOLAS
WAYNE
LINCOLN
BOONE
FAYETTE
GREENBRIER
LOGAN
RALEIGH
MINGO
WYOMING
SUMMERS
MONROE
MC DOWELL
MERCER

Air Quality Control Regions in West Virginia.


DULUTH-SUPERIOR INTERSTATE (MINNESOTA-WISCONSIN)
NORTH CENTRAL WISCONSIN INTRASTATE
LAKE MICHIGAN INTRASTATE
SOUTHEAST-LA CROSS INTERSTATE (MINNESOTA-WISCONSIN)
METROPOLITAN DUBUQUE INTERSTATE (ILLINOIS-IOWA-WISCONSIN)
SOUTHERN WISCONSIN INTRASTATE
ROCKFORD-JANESVILLE-BELOIT INTERSTATE (ILLINOIS-WISCONSIN)
SOUTHEASTERN WISCONSIN INTRASTATE

Air Quality Control Regions in Wisconsin.


WYOMING INTRASTATE (REMAINING AREA)
CASPER INTRASTATE
METROPOLITAN CHEYENNE INTRASTATE

Air Quality Control Regions in Wyoming.

# APPENDIX I

# COUNTY EMISSION PROFILES

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# EMISSION PROFILES OF COUNTIES

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 01 AUTAUGA CO | POINT | 132. | 1,914. | 6,840. |
| | AREA | 2,921. | 1,577. | 14,310. |
| | TOTAL | 3,053. | 3,491. | 21,150. |
| 01 BALDWIN CO | POINT | 10. | 5. | 1. |
| | AREA | 10,188. | 5,590. | 45,064. |
| | TOTAL | 10,198. | 5,595. | 45,065. |
| 01 BARBOUR CO | POINT | 305. | 145. | 29. |
| | AREA | 3,278. | 1,711. | 16,899. |
| | TOTAL | 3,583. | 1,856. | 16,928. |
| 01 BIBB CO | POINT | 0. | 0. | 0. |
| | AREA | 1,683. | 1,309. | 8,343. |
| | TOTAL | 1,683. | 1,309. | 8,343. |
| 01 BLOUNT CO | POINT | 0. | 0. | 0. |
| | AREA | 3,333. | 2,141. | 15,894. |
| | TOTAL | 3,333. | 2,141. | 15,894. |
| 01 BULLOCK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,602. | 744. | 7,813. |
| | TOTAL | 1,602. | 744. | 7,813. |
| 01 BUTLER CO | POINT | 188. | 941. | 188. |
| | AREA | 3,055. | 1,469. | 13,532. |
| | TOTAL | 3,243. | 2,410. | 13,720. |
| 01 CALHOUN CO | POINT | 38. | 233. | 7,311. |
| | AREA | 12,292. | 6,219. | 59,244. |
| | TOTAL | 12,330. | 6,452. | 66,555. |
| 01 CHAMBERS CO | POINT | 20. | 452. | 50. |
| | AREA | 5,215. | 2,496. | 22,140. |
| | TOTAL | 5,235. | 2,948. | 22,190. |
| 01 CHEROKEE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,185. | 1,411. | 10,515. |
| | TOTAL | 2,185. | 1,411. | 10,515. |
| 01 CHILTON CO | POINT | 39. | 195. | 39. |
| | AREA | 3,202. | 2,046. | 15,063. |
| | TOTAL | 3,241. | 2,241. | 15,102. |
| 01 CHOCTAW CO | POINT | 224. | 3,654. | 8,967. |
| | AREA | 2,346. | 1,382. | 9,011. |
| | TOTAL | 2,570. | 5,036. | 17,978. |

* Tons/Year

## EMISSION PROFILES OF COUNTIES

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 01 CLARKE CO | POINT | 16. | 982. | 3,579. |
| | AREA | 3,576. | 2,084. | 16,039. |
| | TOTAL | 3,592. | 3,066. | 19,618. |
| 01 CLAY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,746. | 1,109. | 6,919. |
| | TOTAL | 1,746. | 1,109. | 6,919. |
| 01 CLEBURNE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,595. | 855. | 7,815. |
| | TOTAL | 1,595. | 855. | 7,815. |
| 01 COFFEE CO | POINT | 0. | 0. | 0. |
| | AREA | 5,212. | 2,246. | 21,014. |
| | TOTAL | 5,212. | 2,246. | 21,014. |
| 01 COLBERT CO | POINT | 411. | 29,163. | 1,802. |
| | AREA | 7,920. | 3,727. | 31,104. |
| | TOTAL | 8,331. | 32,890. | 32,906. |
| 01 CONECUH CO | POINT | 0. | 0. | 0. |
| | AREA | 2,127. | 1,286. | 12,712. |
| | TOTAL | 2,127. | 1,286. | 12,712. |
| 01 COOSA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,884. | 902. | 8,471. |
| | TOTAL | 1,884. | 902. | 8,471. |
| 01 COVINGTON CO | POINT | 3. | 151. | 9. |
| | AREA | 6,990. | 3,531. | 34,909. |
| | TOTAL | 6,993. | 3,682. | 34,918. |
| 01 CRENSHAW CO | POINT | 0. | 0. | 0. |
| | AREA | 1,696. | 1,102. | 8,151. |
| | TOTAL | 1,696. | 1,102. | 8,151. |
| 01 CULLMAN CO | POINT | 22. | 110. | 22. |
| | AREA | 7,136. | 4,679. | 33,299. |
| | TOTAL | 7,158. | 4,789. | 33,321. |
| 01 DALE CO | POINT | 147. | 32. | 1. |
| | AREA | 4,056. | 2,371. | 21,979. |
| | TOTAL | 4,203. | 2,403. | 21,980. |
| 01 DALLAS CO | POINT | 0. | 593. | 3,807. |
| | AREA | 6,116. | 3,314. | 26,391. |
| | TOTAL | 6,116. | 3,907. | 30,198. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 01 DE KALB CO | POINT | 0. | 0. | 0. |
| | AREA | 6,495. | 4,414. | 33,161. |
| | TOTAL | 6,495. | 4,414. | 33,161. |
| 01 ELMORE CO | POINT | 0. | 0. | 0. |
| | AREA | 4,438. | 2,621. | 21,195. |
| | TOTAL | 4,438. | 2,621. | 21,195. |
| 01 ESCAMBIA CO | POINT | 823. | 2,469. | 8,427. |
| | AREA | 4,552. | 2,528. | 22,986. |
| | TOTAL | 5,375. | 4,997. | 31,413. |
| 01 ETOWAH CO | POINT | 1,756. | 6,294. | 8,009. |
| | AREA | 11,141. | 6,007. | 65,058. |
| | TOTAL | 12,897. | 12,301. | 73,067. |
| 01 FAYETTE CO | POINT | 40. | 200. | 40. |
| | AREA | 2,698. | 1,222. | 9,955. |
| | TOTAL | 2,738. | 1,422. | 9,995. |
| 01 FRANKLIN CO | POINT | 0. | 0. | 0. |
| | AREA | 3,253. | 2,016. | 16,756. |
| | TOTAL | 3,253. | 2,016. | 16,756. |
| 01 GENEVA CO | POINT | 0. | 0. | 0. |
| | AREA | 3,020. | 1,670. | 14,754. |
| | TOTAL | 3,020. | 1,670. | 14,754. |
| 01 GREENE CO | POINT | 192. | 19,248. | 642. |
| | AREA | 1,445. | 794. | 6,286. |
| | TOTAL | 1,637. | 20,042. | 6,928. |
| 01 HALE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,719. | 1,198. | 8,681. |
| | TOTAL | 1,719. | 1,198. | 8,681. |
| 01 HENRY CO | POINT | 88. | 443. | 88. |
| | AREA | 1,779. | 1,057. | 9,326. |
| | TOTAL | 1,867. | 1,500. | 9,414. |
| 01 HOUSTON CO | POINT | 100. | 1. | 0. |
| | AREA | 10,347. | 4,836. | 42,002. |
| | TOTAL | 10,447. | 4,837. | 42,002. |
| 01 JACKSON CO | POINT | 1,304. | 33,852. | 2,074. |
| | AREA | 6,111. | 3,489. | 26,930. |
| | TOTAL | 7,415. | 37,341. | 29,004. |

# EMISSION PROFILES OF COUNTIES

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 01 JEFFERSON CO | POINT | 14,081. | 5,799. | 122,203. |
| | AREA | 60,474. | 31,817. | 290,076. |
| | TOTAL | 74,555. | 37,616. | 412,279. |
| 01 LAMAR CO | POINT | 48. | 240. | 48. |
| | AREA | 2,094. | 1,311. | 8,786. |
| | TOTAL | 2,142. | 1,551. | 8,834. |
| 01 LAUDERDALE CO | POINT | 0. | 0. | 0. |
| | AREA | 7,920. | 4,544. | 38,946. |
| | TOTAL | 7,920. | 4,544. | 38,946. |
| 01 LAWRENCE CO | POINT | 102. | 1,219. | 4,187. |
| | AREA | 2,620. | 1,921. | 11,012. |
| | TOTAL | 2,722. | 3,140. | 15,199. |
| 01 LEE CO | POINT | 580. | 434. | 26. |
| | AREA | 6,193. | 3,359. | 28,701. |
| | TOTAL | 6,773. | 3,793. | 28,727. |
| 01 LIMESTONE CO | POINT | 1. | 92. | 8. |
| | AREA | 5,139. | 3,253. | 24,107. |
| | TOTAL | 5,140. | 3,345. | 24,115. |
| 01 LOWNDES CO | POINT | 0. | 0. | 0. |
| | AREA | 1,327. | 804. | 6,342. |
| | TOTAL | 1,327. | 804. | 6,342. |
| 01 MACON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,802. | 1,343. | 15,696. |
| | TOTAL | 2,802. | 1,343. | 15,696. |
| 01 MADISON CO | POINT | 0. | 10. | 2. |
| | AREA | 19,901. | 9,455. | 80,948. |
| | TOTAL | 19,901. | 9,465. | 80,950. |
| 01 MARENGO CO | POINT | 43. | 1,304. | 7,337. |
| | AREA | 2,368. | 1,476. | 11,771. |
| | TOTAL | 2,411. | 2,780. | 19,108. |
| 01 MARION CO | POINT | 0. | 0. | 0. |
| | AREA | 3,845. | 1,888. | 13,701. |
| | TOTAL | 3,845. | 1,888. | 13,701. |
| 01 MARSHALL CO | POINT | 1,062. | 318. | 62. |
| | AREA | 9,697. | 5,753. | 51,151. |
| | TOTAL | 10,759. | 6,071. | 51,213. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 01 MOBILE CO | POINT | 4,559. | 28,832. | 7,920. |
| | AREA | 32,039. | 17,103. | 147,636. |
| | TOTAL | 36,598. | 45,935. | 155,556. |
| 01 MONROE CO | POINT | 12. | 60. | 12. |
| | AREA | 3,014. | 1,509. | 12,236. |
| | TOTAL | 3,026. | 1,569. | 12,248. |
| 01 MONTGOMERY CO | POINT | 0. | 114. | 0. |
| | AREA | 18,529. | 9,797. | 87,685. |
| | TOTAL | 18,529. | 9,911. | 87,685. |
| 01 MORGAN CO | POINT | 26,359. | 11,756. | 10,600. |
| | AREA | 11,168. | 5,716. | 46,615. |
| | TOTAL | 37,527. | 17,472. | 57,215. |
| 01 PERRY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,349. | 817. | 6,576. |
| | TOTAL | 1,349. | 817. | 6,576. |
| 01 PICKENS CO | POINT | 0. | 0. | 0. |
| | AREA | 2,151. | 1,431. | 9,572. |
| | TOTAL | 2,151. | 1,431. | 9,572. |
| 01 PIKE CO | POINT | 0. | 0. | 0. |
| | AREA | 16,092. | 6,099. | 39,464. |
| | TOTAL | 16,092. | 6,099. | 39,464. |
| 01 RANDOLPH CO | POINT | 0. | 0. | 0. |
| | AREA | 2,628. | 1,400. | 9,909. |
| | TOTAL | 2,628. | 1,400. | 9,909. |
| 01 RUSSELL CO | POINT | 1,754. | 2,169. | 32,120. |
| | AREA | 5,400. | 2,684. | 28,698. |
| | TOTAL | 7,154. | 4,853. | 60,818. |
| 01 ST CLAIR CO | POINT | 0. | 887. | 0. |
| | AREA | 4,554. | 2,792. | 25,312. |
| | TOTAL | 4,554. | 3,679. | 25,312. |
| 01 SHELBY CO | POINT | 765. | 47,750. | 13,595. |
| | AREA | 6,361. | 3,952. | 28,865. |
| | TOTAL | 7,126. | 51,702. | 42,460. |
| 01 SUMTER CO | POINT | 64. | 320. | 64. |
| | AREA | 2,187. | 1,288. | 9,516. |
| | TOTAL | 2,251. | 1,608. | 9,580. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 01 TALLADEGA CO | POINT | 245. | 3,689. | 8,625. |
| | AREA | 8,509. | 4,231. | 42,833. |
| | TOTAL | 8,754. | 7,920. | 51,458. |
| 01 TALLAPOOSA CO | POINT | 92. | 853. | 1,209. |
| | AREA | 5,899. | 2,485. | 23,878. |
| | TOTAL | 5,991. | 3,338. | 25,087. |
| 01 TUSCALOOSA CO | POINT | 22,836. | 8,063. | 3,779. |
| | AREA | 14,789. | 7,071. | 61,615. |
| | TOTAL | 37,625. | 15,134. | 65,394. |
| 01 WALKER CO | POINT | 1,179. | 60,487. | 5,141. |
| | AREA | 8,035. | 5,046. | 39,142. |
| | TOTAL | 9,214. | 65,533. | 44,283. |
| 01 WASHINGTON CO | POINT | 382. | 2,299. | 619. |
| | AREA | 2,448. | 1,619. | 13,613. |
| | TOTAL | 2,830. | 3,918. | 14,232. |
| 01 WILCOX CO | POINT | 139. | 1,141. | 8,281. |
| | AREA | 1,646. | 1,142. | 7,955. |
| | TOTAL | 1,785. | 2,283. | 16,236. |
| 01 WINSTON CO | POINT | 0. | 0. | 0. |
| | AREA | 3,076. | 1,759. | 11,752. |
| | TOTAL | 3,076. | 1,759. | 11,752. |
| 02 ALEUTIAN ISLANDS ED | POINT | 472. | 3,776. | 826. |
| | AREA | 817. | 2,289. | 2,333. |
| | TOTAL | 1,289. | 6,065. | 3,159. |
| 02 ANCHORAGE ED | POINT | 3,066. | 4,129. | 512. |
| | AREA | 17,881. | 18,597. | 125,769. |
| | TOTAL | 20,947. | 22,726. | 126,281. |
| 02 ANGOON ED | POINT | 1. | 15. | 3. |
| | AREA | 144. | 55. | 309. |
| | TOTAL | 145. | 70. | 312. |
| 02 BARROW ED | POINT | 145. | 1,357. | 396. |
| | AREA | 741. | 366. | 2,225. |
| | TOTAL | 886. | 1,723. | 2,621. |
| 02 BETHEL ED | POINT | 92. | 270. | 60. |
| | AREA | 1,579. | 567. | 9,102. |
| | TOTAL | 1,671. | 837. | 9,162. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | <br>NOX | *<br>CO |
|---|---|---|---|---|
| 02 BRISTOL BAY BOROUGH E | POINT | 28. | 133. | 30. |
| | AREA | 78. | 125. | 432. |
| | TOTAL | 106. | 258. | 462. |
| 02 BRISTOL BAY ED | POINT | 31. | 93. | 20. |
| | AREA | 576. | 364. | 2,374. |
| | TOTAL | 607. | 457. | 2,394. |
| 02 CORDOVA-MC CARTHY ED | POINT | 36. | 221. | 48. |
| | AREA | 248. | 444. | 1,204. |
| | TOTAL | 284. | 665. | 1,252. |
| 02 FAIRBANKS ED | POINT | 527. | 4,038. | 586. |
| | AREA | 6,170. | 4,932. | 36,747. |
| | TOTAL | 6,697. | 8,970. | 37,333. |
| 02 HAINES ED | POINT | 236. | 395. | 196. |
| | AREA | 203. | 199. | 910. |
| | TOTAL | 439. | 594. | 1,106. |
| 02 JUNEAU ED | POINT | 117. | 604. | 135. |
| | AREA | 1,675. | 1,586. | 9,654. |
| | TOTAL | 1,792. | 2,190. | 9,789. |
| 02 KENAI-COOK INLET ED | POINT | 18,392. | 6,304. | 1,741. |
| | AREA | 1,585. | 1,914. | 8,747. |
| | TOTAL | 19,977. | 8,218. | 10,488. |
| 02 KETCHIKAN ED | POINT | 300. | 934. | 2,119. |
| | AREA | 1,358. | 1,574. | 7,502. |
| | TOTAL | 1,658. | 2,508. | 9,621. |
| 02 KOBUK ED | POINT | 74. | 308. | 67. |
| | AREA | 1,910. | 481. | 11,148. |
| | TOTAL | 1,984. | 789. | 11,215. |
| 02 KODIAK ED | POINT | 102. | 77. | 35. |
| | AREA | 954. | 1,283. | 4,942. |
| | TOTAL | 1,056. | 1,360. | 4,977. |
| 02 KUSKOKWIM | POINT | 14. | 175. | 38. |
| | AREA | 3,598. | 683. | 21,330. |
| | TOTAL | 3,612. | 858. | 21,368. |
| 02 MATANUSKA-SUSITNA ED | POINT | 0. | 0. | 0. |
| | AREA | 839. | 954. | 5,213. |
| | TOTAL | 839. | 954. | 5,213. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 02 NOME ED | POINT | 127. | 418. | 91. |
| | AREA | 1,488. | 549. | 8,463. |
| | TOTAL | 1,615. | 967. | 8,554. |
| 02 OUTER KETCHIKAN ED | POINT | 0. | 0. | 0. |
| | AREA | 72. | 107. | 349. |
| | TOTAL | 72. | 107. | 349. |
| 02 PRINCE OF WALES ED | POINT | 0. | 0. | 0. |
| | AREA | 141. | 124. | 650. |
| | TOTAL | 141. | 124. | 650. |
| 02 SEWARD ED | POINT | 38. | 2. | 304. |
| | AREA | 234. | 298. | 1,180. |
| | TOTAL | 272. | 300. | 1,484. |
| 02 SITKA ED | POINT | 68. | 467. | 3,045. |
| | AREA | 1,058. | 2,394. | 3,140. |
| | TOTAL | 1,126. | 2,861. | 6,185. |
| 02 SKAGWAY-YAKUTAT ED | POINT | 66. | 0. | 0. |
| | AREA | 171. | 206. | 882. |
| | TOTAL | 237. | 206. | 882. |
| 02 SOUTHEAST FAIRBANKS E | POINT | 265. | 389. | 94. |
| | AREA | 497. | 408. | 2,504. |
| | TOTAL | 762. | 797. | 2,598. |
| 02 UPPER YUKON ED | POINT | 35. | 332. | 74. |
| | AREA | 2,011. | 408. | 12,034. |
| | TOTAL | 2,046. | 740. | 12,108. |
| 02 VALDEZ-CHITINA-WHITTI | POINT | 2,904. | 1,384. | 308. |
| | AREA | 505. | 638. | 2,191. |
| | TOTAL | 3,409. | 2,022. | 2,499. |
| 02 WADE HAMPTON ED | POINT | 27. | 254. | 55. |
| | AREA | 1,264. | 392. | 7,439. |
| | TOTAL | 1,291. | 646. | 7,494. |
| 02 WRANGELL-PETERSBURG E | POINT | 155. | 890. | 201. |
| | AREA | 957. | 1,671. | 2,382. |
| | TOTAL | 1,112. | 2,561. | 2,583. |
| 02 YUKON-KOYUKUK ED | POINT | 162. | 2,966. | 403. |
| | AREA | 3,129. | 745. | 18,107. |
| | TOTAL | 3,291. | 3,711. | 18,510. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | <br>NOX | *<br>CO |
|---|---|---|---|---|
| 03 APACHE CO | POINT | 58. | 199. | 267. |
| | AREA | 3,732. | 1,691. | 23,868. |
| | TOTAL | 3,790. | 1,890. | 24,135. |
| 03 COCHISE CO | POINT | 678. | 3,051. | 55. |
| | AREA | 7,850. | 3,460. | 60,175. |
| | TOTAL | 8,528. | 6,511. | 60,230. |
| 03 COCONINO CO | POINT | 1,152. | 97,249. | 3,523. |
| | AREA | 8,674. | 3,472. | 59,256. |
| | TOTAL | 9,826. | 100,721. | 62,779. |
| 03 GILA CO | POINT | 27. | 491. | 19. |
| | AREA | 4,925. | 1,932. | 36,329. |
| | TOTAL | 4,952. | 2,423. | 36,348. |
| 03 GRAHAM CO | POINT | 16. | 0. | 0. |
| | AREA | 1,931. | 1,179. | 9,606. |
| | TOTAL | 1,947. | 1,179. | 9,606. |
| 03 GREENLEE CO | POINT | 64. | 1,747. | 173. |
| | AREA | 1,287. | 888. | 7,697. |
| | TOTAL | 1,351. | 2,635. | 7,870. |
| 03 MARICOPA CO | POINT | 5,896. | 19,462. | 7,582. |
| | AREA | 125,792. | 68,643. | 665,297. |
| | TOTAL | 131,688. | 88,105. | 672,879. |
| 03 MOHAVE CO | POINT | 16. | 8. | 1. |
| | AREA | 6,581. | 2,981. | 26,755. |
| | TOTAL | 6,597. | 2,989. | 26,756. |
| 03 NAVAJO CO | POINT | 164. | 4,231. | 11,544. |
| | AREA | 5,443. | 2,737. | 31,462. |
| | TOTAL | 5,607. | 6,968. | 43,006. |
| 03 PIMA CO | POINT | 3,390. | 9,160. | 898. |
| | AREA | 40,796. | 23,619. | 231,125. |
| | TOTAL | 44,186. | 32,779. | 232,023. |
| 03 PINAL CO | POINT | 62. | 2,152. | 89. |
| | AREA | 7,963. | 5,612. | 43,419. |
| | TOTAL | 8,025. | 7,764. | 43,508. |
| 03 SANTA CRUZ CO | POINT | 2,707. | 541. | 7,651. |
| | AREA | 2,022. | 775. | 15,260. |
| | TOTAL | 4,729. | 1,316. | 22,911. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 03 YAVAPAI CO | POINT | 36. | 446. | 117. |
| | AREA | 6,546. | 3,013. | 49,775. |
| | TOTAL | 6,582. | 3,459. | 49,892. |
| 03 YUMA CO | POINT | 169. | 1,005. | 92. |
| | AREA | 8,945. | 5,016. | 47,485. |
| | TOTAL | 9,114. | 6,021. | 47,577. |
| 04 ARKANSAS CO | POINT | 93. | 21. | 635. |
| | AREA | 3,113. | 1,937. | 15,623. |
| | TOTAL | 3,206. | 1,958. | 16,258. |
| 04 ASHLEY CO | POINT | 1,733. | 7,464. | 13,160. |
| | AREA | 3,055. | 1,751. | 12,776. |
| | TOTAL | 4,788. | 9,215. | 25,936. |
| 04 BAXTER CO | POINT | 0. | 0. | 0. |
| | AREA | 6,816. | 1,571. | 13,007. |
| | TOTAL | 6,816. | 1,571. | 13,007. |
| 04 BENTON CO | POINT | 2. | 3. | 54. |
| | AREA | 8,507. | 4,472. | 31,022. |
| | TOTAL | 8,509. | 4,475. | 31,076. |
| 04 BOONE CO | POINT | 230. | 1. | 656. |
| | AREA | 2,878. | 1,864. | 13,403. |
| | TOTAL | 3,108. | 1,865. | 14,059. |
| 04 BRADLEY CO | POINT | 248. | 775. | 425. |
| | AREA | 1,372. | 742. | 6,485. |
| | TOTAL | 1,620. | 1,517. | 6,910. |
| 04 CALHOUN CO | POINT | 8. | 0. | 98. |
| | AREA | 687. | 415. | 2,530. |
| | TOTAL | 695. | 415. | 2,628. |
| 04 CARROLL CO | POINT | 0. | 0. | 0. |
| | AREA | 1,715. | 1,211. | 8,032. |
| | TOTAL | 1,715. | 1,211. | 8,032. |
| 04 CHICOT CO | POINT | 198. | 53. | 637. |
| | AREA | 1,910. | 1,146. | 9,010. |
| | TOTAL | 2,108. | 1,199. | 9,647. |
| 04 CLARK CO | POINT | 450. | 109. | 1,222. |
| | AREA | 2,577. | 1,528. | 12,009. |
| | TOTAL | 3,027. | 1,637. | 13,231. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 04 CLAY CO | POINT | 53. | 9. | 214. |
| | AREA | 2,211. | 1,522. | 11,024. |
| | TOTAL | 2,264. | 1,531. | 11,238. |
| 04 CLEBURNE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,746. | 1,122. | 7,410. |
| | TOTAL | 1,746. | 1,122. | 7,410. |
| 04 CLEVELAND CO | POINT | 0. | 0. | 0. |
| | AREA | 659. | 493. | 3,157. |
| | TOTAL | 659. | 493. | 3,157. |
| 04 COLUMBIA CO | POINT | 1,327. | 879. | 861. |
| | AREA | 3,302. | 1,826. | 12,862. |
| | TOTAL | 4,629. | 2,705. | 13,723. |
| 04 CONWAY CO | POINT | 3. | 310. | 2,271. |
| | AREA | 2,519. | 1,214. | 9,600. |
| | TOTAL | 2,522. | 1,524. | 11,871. |
| 04 CRAIGHEAD CO | POINT | 0. | 64. | 3. |
| | AREA | 6,314. | 3,615. | 26,101. |
| | TOTAL | 6,314. | 3,679. | 26,104. |
| 04 CRAWFORD CO | POINT | 126. | 25. | 357. |
| | AREA | 3,156. | 2,034. | 13,821. |
| | TOTAL | 3,282. | 2,059. | 14,178. |
| 04 CRITTENDEN CO | POINT | 47. | 9. | 1,185. |
| | AREA | 5,207. | 2,977. | 22,682. |
| | TOTAL | 5,254. | 2,986. | 23,867. |
| 04 CROSS CO | POINT | 101. | 20. | 286. |
| | AREA | 1,829. | 1,462. | 8,715. |
| | TOTAL | 1,930. | 1,482. | 9,001. |
| 04 DALLAS CO | POINT | 136. | 345. | 345. |
| | AREA | 1,202. | 736. | 5,420. |
| | TOTAL | 1,338. | 1,081. | 5,765. |
| 04 DESHA CO | POINT | 64. | 94. | 1,002. |
| | AREA | 2,402. | 1,281. | 9,557. |
| | TOTAL | 2,466. | 1,375. | 10,559. |
| 04 DREW CO | POINT | 24. | 46. | 187. |
| | AREA | 1,906. | 1,086. | 7,182. |
| | TOTAL | 1,930. | 1,132. | 7,369. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 04 FAULKNER CO | POINT | 100. | 0. | 0. |
| | AREA | 4,820. | 2,486. | 17,290. |
| | TOTAL | 4,920. | 2,486. | 17,290. |
| 04 FRANKLIN CO | POINT | 209. | 987. | 686. |
| | AREA | 1,423. | 961. | 6,966. |
| | TOTAL | 1,632. | 1,948. | 7,652. |
| 04 FULTON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,258. | 717. | 6,792. |
| | TOTAL | 1,258. | 717. | 6,792. |
| 04 GARLAND CO | POINT | 111. | 486. | 453. |
| | AREA | 6,881. | 3,610. | 32,991. |
| | TOTAL | 6,992. | 4,096. | 33,444. |
| 04 GRANT CO | POINT | 205. | 529. | 1,300. |
| | AREA | 1,744. | 894. | 7,416. |
| | TOTAL | 1,949. | 1,423. | 8,716. |
| 04 GREENE CO | POINT | 103. | 20. | 294. |
| | AREA | 4,448. | 1,939. | 14,757. |
| | TOTAL | 4,551. | 1,959. | 15,051. |
| 04 HEMPSTEAD CO | POINT | 174. | 264. | 1,291. |
| | AREA | 2,481. | 1,722. | 12,769. |
| | TOTAL | 2,655. | 1,986. | 14,060. |
| 04 HOT SPRING CO | POINT | 271. | 10,757. | 935. |
| | AREA | 2,701. | 1,946. | 12,073. |
| | TOTAL | 2,972. | 12,703. | 13,008. |
| 04 HOWARD CO | POINT | 930. | 719. | 2,461. |
| | AREA | 1,507. | 1,112. | 7,426. |
| | TOTAL | 2,437. | 1,831. | 9,887. |
| 04 INDEPENDENCE CO | POINT | 120. | 741. | 346. |
| | AREA | 3,728. | 2,147. | 14,712. |
| | TOTAL | 3,848. | 2,888. | 15,058. |
| 04 IZARD CO | POINT | 0. | 0. | 0. |
| | AREA | 1,175. | 719. | 6,318. |
| | TOTAL | 1,175. | 719. | 6,318. |
| 04 JACKSON CO | POINT | 2,737. | 27. | 495. |
| | AREA | 2,006. | 1,482. | 9,635. |
| | TOTAL | 4,743. | 1,509. | 10,130. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 04 JEFFERSON CO | POINT | 455. | 4,392. | 26,272. |
| | AREA | 9,870. | 5,259. | 42,155. |
| | TOTAL | 10,325. | 9,651. | 68,427. |
| 04 JOHNSON CO | POINT | 14. | 11. | 165. |
| | AREA | 1,949. | 1,180. | 8,100. |
| | TOTAL | 1,963. | 1,191. | 8,265. |
| 04 LAFAYETTE CO | POINT | 83. | 2,089. | 509. |
| | AREA | 1,354. | 710. | 5,110. |
| | TOTAL | 1,437. | 2,799. | 5,619. |
| 04 LAWRENCE CO | POINT | 67. | 12. | 286. |
| | AREA | 1,868. | 1,448. | 9,776. |
| | TOTAL | 1,935. | 1,460. | 10,062. |
| 04 LEE CO | POINT | 64. | 12. | 181. |
| | AREA | 1,524. | 1,023. | 7,448. |
| | TOTAL | 1,588. | 1,035. | 7,629. |
| 04 LINCOLN CO | POINT | 0. | 6. | 0. |
| | AREA | 971. | 793. | 4,525. |
| | TOTAL | 971. | 799. | 4,525. |
| 04 LITTLE RIVER CO | POINT | 230. | 1,160. | 4,620. |
| | AREA | 1,542. | 1,051. | 8,865. |
| | TOTAL | 1,772. | 2,211. | 13,485. |
| 04 LOGAN CO | POINT | 475. | 28. | 1,650. |
| | AREA | 2,199. | 1,154. | 10,154. |
| | TOTAL | 2,674. | 1,182. | 11,804. |
| 04 LONOKE CO | POINT | 152. | 30. | 430. |
| | AREA | 3,146. | 2,099. | 13,740. |
| | TOTAL | 3,298. | 2,129. | 14,170. |
| 04 MADISON CO | POINT | 273. | 0. | 873. |
| | AREA | 1,281. | 881. | 7,211. |
| | TOTAL | 1,554. | 881. | 8,084. |
| 04 MARION CO | POINT | 100. | 0. | 320. |
| | AREA | 1,461. | 687. | 6,475. |
| | TOTAL | 1,561. | 687. | 6,795. |
| 04 MILLER CO | POINT | 20. | 1. | 243. |
| | AREA | 8,062. | 3,430. | 36,622. |
| | TOTAL | 8,082. | 3,431. | 36,865. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 04 MISSISSIPPI CO | POINT | 69. | 74. | 183. |
| | AREA | 7,145. | 4,110. | 25,130. |
| | TOTAL | 7,214. | 4,184. | 25,313. |
| 04 MONROE CO | POINT | 117. | 10. | 1,388. |
| | AREA | 1,422. | 892. | 6,724. |
| | TOTAL | 1,539. | 902. | 8,112. |
| 04 MONTGOMERY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,016. | 487. | 4,136. |
| | TOTAL | 1,016. | 487. | 4,136. |
| 04 NEVADA CO | POINT | 105. | 254. | 214. |
| | AREA | 1,129. | 702. | 5,544. |
| | TOTAL | 1,234. | 956. | 5,758. |
| 04 NEWTON CO | POINT | 273. | 0. | 873. |
| | AREA | 774. | 481. | 4,721. |
| | TOTAL | 1,047. | 481. | 5,594. |
| 04 OUACHITA CO | POINT | 2,660. | 1,884. | 6,145. |
| | AREA | 3,693. | 2,476. | 15,814. |
| | TOTAL | 6,353. | 4,360. | 21,959. |
| 04 PERRY CO | POINT | 0. | 0. | 0. |
| | AREA | 674. | 514. | 3,437. |
| | TOTAL | 674. | 514. | 3,437. |
| 04 PHILLIPS CO | POINT | 153. | 15,161. | 19,008. |
| | AREA | 4,217. | 2,634. | 15,675. |
| | TOTAL | 4,370. | 17,795. | 34,683. |
| 04 PIKE CO | POINT | 21. | 109. | 21. |
| | AREA | 1,129. | 762. | 4,611. |
| | TOTAL | 1,150. | 871. | 4,632. |
| 04 POINSETT CO | POINT | 138. | 31. | 391. |
| | AREA | 2,405. | 1,862. | 12,679. |
| | TOTAL | 2,543. | 1,893. | 13,070. |
| 04 POLK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,788. | 1,152. | 8,465. |
| | TOTAL | 1,788. | 1,152. | 8,465. |
| 04 POPE CO | POINT | 23. | 53. | 100. |
| | AREA | 4,160. | 2,476. | 18,242. |
| | TOTAL | 4,183. | 2,529. | 18,342. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 04 PRAIRIE CO | POINT | 10. | 0. | 118. |
| | AREA | 1,157. | 885. | 5,459. |
| | TOTAL | 1,167. | 885. | 5,577. |
| 04 PULASKI CO | POINT | 1,614. | 1,010. | 372. |
| | AREA | 33,118. | 19,532. | 143,516. |
| | TOTAL | 34,732. | 20,542. | 143,888. |
| 04 RANDOLPH CO | POINT | 57. | 12. | 161. |
| | AREA | 2,237. | 1,078. | 9,891. |
| | TOTAL | 2,294. | 1,090. | 10,052. |
| 04 ST FRANCIS CO | POINT | 242. | 1,839. | 1,322. |
| | AREA | 3,640. | 1,884. | 14,081. |
| | TOTAL | 3,882. | 3,723. | 15,403. |
| 04 SALINE CO | POINT | 50. | 1,153. | 269. |
| | AREA | 3,812. | 3,608. | 16,019. |
| | TOTAL | 3,862. | 4,761. | 16,288. |
| 04 SCOTT CO | POINT | 202. | 0. | 648. |
| | AREA | 1,144. | 751. | 5,076. |
| | TOTAL | 1,346. | 751. | 5,724. |
| 04 SEARCY CO | POINT | 0. | 0. | 0. |
| | AREA | 944. | 635. | 4,960. |
| | TOTAL | 944. | 635. | 4,960. |
| 04 SEBASTIAN CO | POINT | 508. | 94. | 14. |
| | AREA | 13,751. | 5,790. | 42,258. |
| | TOTAL | 14,259. | 5,884. | 42,272. |
| 04 SEVIER CO | POINT | 71. | 104. | 167. |
| | AREA | 1,840. | 1,021. | 7,526. |
| | TOTAL | 1,911. | 1,125. | 7,693. |
| 04 SHARP CO | POINT | 0. | 0. | 0. |
| | AREA | 1,325. | 908. | 7,346. |
| | TOTAL | 1,325. | 908. | 7,346. |
| 04 STONE CO | POINT | 0. | 0. | 0. |
| | AREA | 842. | 557. | 4,304. |
| | TOTAL | 842. | 557. | 4,304. |
| 04 UNION CO | POINT | 2,372. | 809. | 552. |
| | AREA | 5,453. | 3,643. | 26,580. |
| | TOTAL | 7,825. | 4,452. | 27,132. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 04 VAN BUREN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,154. | 733. | 5,419. |
| | TOTAL | 1,154. | 733. | 5,419. |
| 04 WASHINGTON CO | POINT | 227. | 0. | 0. |
| | AREA | 10,198. | 6,731. | 55,870. |
| | TOTAL | 10,425. | 6,731. | 55,870. |
| 04 WHITE CO | POINT | 48. | 85. | 16. |
| | AREA | 4,414. | 3,116. | 21,905. |
| | TOTAL | 4,462. | 3,201. | 21,921. |
| 04 WOODRUFF CO | POINT | 18. | 1,975. | 134. |
| | AREA | 1,185. | 859. | 5,786. |
| | TOTAL | 1,203. | 2,834. | 5,920. |
| 04 YELL CO | POINT | 3. | 4. | 36. |
| | AREA | 1,657. | 1,189. | 8,446. |
| | TOTAL | 1,660. | 1,193. | 8,482. |
| 05 ALAMEDA CO | POINT | 7,914. | 3,756. | 880. |
| | AREA | 118,141. | 41,286. | 615,300. |
| | TOTAL | 126,055. | 45,042. | 616,180. |
| 05 ALPINE CO | POINT | 0. | 0. | 0. |
| | AREA | 72. | 32. | 445. |
| | TOTAL | 72. | 32. | 445. |
| 05 AMADOR CO | POINT | 388. | 315. | 61. |
| | AREA | 3,243. | 1,161. | 17,034. |
| | TOTAL | 3,631. | 1,476. | 17,095. |
| 05 BUTTE CO | POINT | 1,326. | 204. | 319. |
| | AREA | 16,871. | 5,878. | 97,067. |
| | TOTAL | 18,197. | 6,082. | 97,386. |
| 05 CALAVERAS CO | POINT | 0. | 3,042. | 1. |
| | AREA | 4,078. | 1,332. | 22,125. |
| | TOTAL | 4,078. | 4,374. | 22,126. |
| 05 COLUSA CO | POINT | 0. | 0. | 0. |
| | AREA | 5,175. | 1,234. | 27,010. |
| | TOTAL | 5,175. | 1,234. | 27,010. |
| 05 CONTRA COSTA CO | POINT | 39,034. | 62,323. | 13,549. |
| | AREA | 56,268. | 23,476. | 326,000. |
| | TOTAL | 95,302. | 85,799. | 339,549. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 05 DEL NORTE CO | POINT | 866. | 63. | 1,606. |
| | AREA | 2,899. | 1,129. | 14,800. |
| | TOTAL | 3,765. | 1,192. | 16,406. |
| 05 EL DORADO CO | POINT | 2,538. | 511. | 2,570. |
| | AREA | 8,860. | 3,096. | 45,426. |
| | TOTAL | 11,398. | 3,607. | 47,996. |
| 05 FRESNO CO | POINT | 11,651. | 4,000. | 2,485. |
| | AREA | 45,204. | 17,881. | 242,027. |
| | TOTAL | 56,855. | 21,881. | 244,512. |
| 05 GLENN CO | POINT | 86. | 223. | 195. |
| | AREA | 4,954. | 1,571. | 26,334. |
| | TOTAL | 5,040. | 1,794. | 26,529. |
| 05 HUMBOLDT CO | POINT | 2,857. | 4,035. | 13,179. |
| | AREA | 14,220. | 6,334. | 77,294. |
| | TOTAL | 17,077. | 10,369. | 90,473. |
| 05 IMPERIAL CO | POINT | 73. | 4,047. | 160. |
| | AREA | 8,403. | 3,771. | 49,033. |
| | TOTAL | 8,476. | 7,818. | 49,193. |
| 05 INYO CO | POINT | 8. | 202. | 20. |
| | AREA | 2,135. | 1,076. | 9,821. |
| | TOTAL | 2,143. | 1,278. | 9,841. |
| 05 KERN CO | POINT | 22,606. | 66,529. | 134,929. |
| | AREA | 33,659. | 13,735. | 192,269. |
| | TOTAL | 56,265. | 80,264. | 327,198. |
| 05 KINGS CO | POINT | 1,491. | 5,218. | 4,129. |
| | AREA | 7,696. | 3,479. | 38,587. |
| | TOTAL | 9,187. | 8,697. | 42,716. |
| 05 LAKE CO | POINT | 17. | 2. | 3. |
| | AREA | 23,066. | 4,697. | 130,198. |
| | TOTAL | 23,083. | 4,699. | 130,201. |
| 05 LASSEN CO | POINT | 362. | 1,085. | 1,898. |
| | AREA | 3,237. | 1,022. | 15,708. |
| | TOTAL | 3,599. | 2,107. | 17,606. |
| 05 LOS ANGELES CO | POINT | 276,394. | 125,267. | 717,701. |
| | AREA | 802,266. | 281,251. | 4,046,609. |
| | TOTAL | 1,078,660. | 406,518. | 4,764,310. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 05 MADERA CO | POINT | 8,318. | 4,695. | 696. |
| | AREA | 5,245. | 2,574. | 28,138. |
| | TOTAL | 13,563. | 7,269. | 28,834. |
| 05 MARIN CO | POINT | 68. | 17. | 2. |
| | AREA | 21,574. | 7,483. | 120,579. |
| | TOTAL | 21,642. | 7,500. | 120,581. |
| 05 MARIPOSA CO | POINT | 23. | 4. | 46. |
| | AREA | 1,344. | 521. | 6,755. |
| | TOTAL | 1,367. | 525. | 6,801. |
| 05 MENDOCINO CO | POINT | 1,048. | 881. | 4,550. |
| | AREA | 21,355. | 5,500. | 121,716. |
| | TOTAL | 22,403. | 6,381. | 126,266. |
| 05 MERCED CO | POINT | 26. | 621. | 59. |
| | AREA | 12,712. | 5,650. | 64,926. |
| | TOTAL | 12,738. | 6,271. | 64,985. |
| 05 MODOC CO | POINT | 261. | 411. | 2,031. |
| | AREA | 2,403. | 623. | 11,052. |
| | TOTAL | 2,664. | 1,034. | 13,083. |
| 05 MONO CO | POINT | 0. | 0. | 0. |
| | AREA | 3,049. | 648. | 14,655. |
| | TOTAL | 3,049. | 648. | 14,655. |
| 05 MONTEREY CO | POINT | 1,502. | 29,291. | 2,005. |
| | AREA | 27,195. | 9,601. | 149,271. |
| | TOTAL | 28,697. | 38,892. | 151,276. |
| 05 NAPA CO | POINT | 20. | 4. | 18. |
| | AREA | 8,933. | 3,925. | 47,493. |
| | TOTAL | 8,953. | 3,929. | 47,511. |
| 05 NEVADA CO | POINT | 171. | 365. | 61. |
| | AREA | 4,425. | 1,985. | 21,349. |
| | TOTAL | 4,596. | 2,350. | 21,410. |
| 05 ORANGE CO | POINT | 19,711. | 8,300. | 998. |
| | AREA | 165,780. | 58,164. | 852,576. |
| | TOTAL | 185,491. | 66,464. | 853,574. |
| 05 PLACER CO | POINT | 2,728. | 421. | 1,083. |
| | AREA | 11,072. | 4,749. | 58,958. |
| | TOTAL | 13,800. | 5,170. | 60,041. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 05 PLUMAS CO | POINT | 1,723. | 547. | 4,230. |
| | AREA | 6,815. | 1,534. | 37,469. |
| | TOTAL | 8,538. | 2,081. | 41,699. |
| 05 RIVERSIDE CO | POINT | 2,137. | 3,030. | 66. |
| | AREA | 45,345. | 18,289. | 237,844. |
| | TOTAL | 47,482. | 21,319. | 237,910. |
| 05 SACRAMENTO CO | POINT | 1,975. | 356. | 141. |
| | AREA | 65,994. | 25,996. | 391,428. |
| | TOTAL | 67,969. | 26,352. | 391,569. |
| 05 SAN BENITO CO | POINT | 1. | 18. | 1. |
| | AREA | 2,652. | 1,250. | 14,425. |
| | TOTAL | 2,653. | 1,268. | 14,426. |
| 05 SAN BERNARDINO CO | POINT | 7,117. | 21,125. | 63,032. |
| | AREA | 67,141. | 25,870. | 368,302. |
| | TOTAL | 74,258. | 46,995. | 431,334. |
| 05 SAN DIEGO CO | POINT | 23,000. | 16,024. | 1,925. |
| | AREA | 144,478. | 53,002. | 782,598. |
| | TOTAL | 167,478. | 69,026. | 784,523. |
| 05 SAN FRANCISCO CO | POINT | 176. | 8,266. | 418. |
| | AREA | 70,122. | 27,611. | 357,328. |
| | TOTAL | 70,298. | 35,877. | 357,746. |
| 05 SAN JOAQUIN CO | POINT | 2,507. | 3,394. | 377. |
| | AREA | 29,226. | 12,221. | 160,110. |
| | TOTAL | 31,733. | 15,615. | 160,487. |
| 05 SAN LUIS OBISPO CO | POINT | 4,337. | 18,349. | 509. |
| | AREA | 12,982. | 4,638. | 64,228. |
| | TOTAL | 17,319. | 22,987. | 64,737. |
| 05 SAN MATEO CO | POINT | 1,434. | 138. | 117. |
| | AREA | 65,335. | 22,006. | 341,042. |
| | TOTAL | 66,769. | 22,144. | 341,159. |
| 05 SANTA BARBARA CO | POINT | 6,356. | 2,534. | 101. |
| | AREA | 37,868. | 11,857. | 208,057. |
| | TOTAL | 44,224. | 14,391. | 208,158. |
| 05 SANTA CLARA CO | POINT | 6,468. | 4,762. | 444. |
| | AREA | 143,072. | 40,875. | 641,265. |
| | TOTAL | 149,540. | 45,637. | 641,709. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 05 SANTA CRUZ CO | POINT | 0. | 511. | 1. |
| | AREA | 14,583. | 5,758. | 78,113. |
| | TOTAL | 14,583. | 6,269. | 78,114. |
| 05 SHASTA CO | POINT | 1,048. | 3,437. | 5,228. |
| | AREA | 21,998. | 10,638. | 94,538. |
| | TOTAL | 23,046. | 14,075. | 99,766. |
| 05 SIERRA CO | POINT | 72. | 144. | 72. |
| | AREA | 265. | 154. | 1,359. |
| | TOTAL | 337. | 298. | 1,431. |
| 05 SISKIYOU CO | POINT | 1,617. | 670. | 17,446. |
| | AREA | 13,687. | 3,648. | 75,338. |
| | TOTAL | 15,304. | 4,318. | 92,784. |
| 05 SOLANO CO | POINT | 2,970. | 5,951. | 2,255. |
| | AREA | 17,088. | 7,241. | 99,210. |
| | TOTAL | 20,058. | 13,192. | 101,465. |
| 05 SONOMA CO | POINT | 668. | 102. | 3,794. |
| | AREA | 26,902. | 11,408. | 142,495. |
| | TOTAL | 27,570. | 11,510. | 146,289. |
| 05 STANISLAUS CO | POINT | 101. | 1,238. | 129. |
| | AREA | 25,458. | 10,688. | 145,736. |
| | TOTAL | 25,559. | 11,926. | 145,865. |
| 05 SUTTER CO | POINT | 0. | 0. | 0. |
| | AREA | 8,349. | 2,678. | 45,455. |
| | TOTAL | 8,349. | 2,678. | 45,455. |
| 05 TEHAMA CO | POINT | 462. | 1,000. | 2,502. |
| | AREA | 5,906. | 2,124. | 29,856. |
| | TOTAL | 6,368. | 3,124. | 32,358. |
| 05 TRINITY CO | POINT | 2,037. | 152. | 8,071. |
| | AREA | 5,626. | 1,291. | 32,495. |
| | TOTAL | 7,663. | 1,443. | 40,566. |
| 05 TULARE CO | POINT | 268. | 110. | 1,848. |
| | AREA | 22,031. | 9,561. | 120,391. |
| | TOTAL | 22,299. | 9,671. | 122,239. |
| 05 TUOLUMNE CO | POINT | 927. | 601. | 1,551. |
| | AREA | 5,638. | 1,908. | 30,292. |
| | TOTAL | 6,565. | 2,509. | 31,843. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 05 VENTURA CO | POINT | 13,127. | 16,679. | 2,648. |
| | AREA | 39,083. | 15,027. | 216,761. |
| | TOTAL | 52,210. | 31,706. | 219,409. |
| 05 YOLO CO | POINT | 872. | 879. | 81. |
| | AREA | 9,466. | 4,094. | 51,799. |
| | TOTAL | 10,338. | 4,973. | 51,880. |
| 05 YUBA CO | POINT | 2,821. | 417. | 4,201. |
| | AREA | 6,535. | 2,274. | 36,390. |
| | TOTAL | 9,356. | 2,691. | 40,591. |
| 06 ADAMS CO | POINT | 3,342. | 19,613. | 19,791. |
| | AREA | 22,238. | 8,218. | 153,298. |
| | TOTAL | 25,580. | 27,831. | 173,089. |
| 06 ALAMOSA CO | POINT | 22. | 451. | 45. |
| | AREA | 1,527. | 686. | 12,181. |
| | TOTAL | 1,549. | 1,137. | 12,226. |
| 06 ARAPAHOE CO | POINT | 7. | 23. | 63. |
| | AREA | 18,122. | 7,393. | 120,982. |
| | TOTAL | 18,129. | 7,416. | 121,045. |
| 06 ARCHULETA CO | POINT | 0. | 0. | 0. |
| | AREA | 486. | 214. | 3,054. |
| | TOTAL | 486. | 214. | 3,054. |
| 06 BACA CO | POINT | 0. | 0. | 0. |
| | AREA | 946. | 607. | 7,413. |
| | TOTAL | 946. | 607. | 7,413. |
| 06 BENT CO | POINT | 0. | 0. | 2. |
| | AREA | 817. | 371. | 6,184. |
| | TOTAL | 817. | 371. | 6,186. |
| 06 BOULDER CO | POINT | 220. | 4,918. | 304. |
| | AREA | 20,244. | 6,858. | 121,322. |
| | TOTAL | 20,464. | 11,776. | 121,626. |
| 06 CHAFFEE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,597. | 670. | 12,455. |
| | TOTAL | 1,597. | 670. | 12,455. |
| 06 CHEYENNE CO | POINT | 0. | 0. | 0. |
| | AREA | 355. | 241. | 2,868. |
| | TOTAL | 355. | 241. | 2,868. |

| | | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | TYPE OF EMISSIONS | HC | NOX | CO |
| 06 CLEAR CREEK CO | POINT | 2. | 0. | 126. |
| | AREA | 668. | 347. | 4,681. |
| | TOTAL | 670. | 347. | 4,807. |
| 06 CONEJOS CO | POINT | 0. | 0. | 1. |
| | AREA | 999. | 519. | 6,780. |
| | TOTAL | 999. | 519. | 6,781. |
| 06 COSTILLA CO | POINT | 0. | 0. | 0. |
| | AREA | 433. | 197. | 3,063. |
| | TOTAL | 433. | 197. | 3,063. |
| 06 CROWLEY CO | POINT | 0. | 3. | 0. |
| | AREA | 457. | 259. | 3,402. |
| | TOTAL | 457. | 262. | 3,402. |
| 06 CUSTER CO | POINT | 0. | 0. | 0. |
| | AREA | 275. | 142. | 2,118. |
| | TOTAL | 275. | 142. | 2,118. |
| 06 DELTA CO | POINT | 0. | 0. | 0. |
| | AREA | 2,373. | 1,227. | 18,209. |
| | TOTAL | 2,373. | 1,227. | 18,209. |
| 06 DENVER CO | POINT | 636. | 13,005. | 608. |
| | AREA | 103,464. | 32,146. | 755,776. |
| | TOTAL | 104,100. | 45,151. | 756,384. |
| 06 DOLORES CO | POINT | 0. | 0. | 0. |
| | AREA | 319. | 160. | 2,366. |
| | TOTAL | 319. | 160. | 2,366. |
| 06 DOUGLAS CO | POINT | 0. | 71. | 1. |
| | AREA | 1,549. | 991. | 11,220. |
| | TOTAL | 1,549. | 1,062. | 11,221. |
| 06 EAGLE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,379. | 787. | 9,203. |
| | TOTAL | 1,379. | 787. | 9,203. |
| 06 ELBERT CO | POINT | 0. | 0. | 0. |
| | AREA | 607. | 433. | 4,935. |
| | TOTAL | 607. | 433. | 4,935. |
| 06 EL PASO CO | POINT | 180. | 7,598. | 415. |
| | AREA | 30,082. | 11,168. | 206,072. |
| | TOTAL | 30,262. | 18,766. | 206,487. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 06 FREMONT CO | POINT | 14. | 2,862. | 67. |
| | AREA | 3,313. | 1,320. | 25,794. |
| | TOTAL | 3,327. | 4,182. | 25,861. |
| 06 GARFIELD CO | POINT | 1. | 9. | 7. |
| | AREA | 2,468. | 1,175. | 18,005. |
| | TOTAL | 2,469. | 1,184. | 18,012. |
| 06 GILPIN CO | POINT | 0. | 0. | 0. |
| | AREA | 183. | 102. | 1,314. |
| | TOTAL | 183. | 102. | 1,314. |
| 06 GRAND CO | POINT | 1,412. | 198. | 722. |
| | AREA | 1,077. | 531. | 7,405. |
| | TOTAL | 2,489. | 729. | 8,127. |
| 06 GUNNISON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,322. | 493. | 9,326. |
| | TOTAL | 1,322. | 493. | 9,326. |
| 06 HINSDALE CO | POINT | 0. | 0. | 0. |
| | AREA | 185. | 55. | 1,225. |
| | TOTAL | 185. | 55. | 1,225. |
| 06 HUERFANO CO | POINT | 7. | 112. | 15. |
| | AREA | 998. | 335. | 7,029. |
| | TOTAL | 1,005. | 447. | 7,044. |
| 06 JACKSON CO | POINT | 92. | 23. | 276. |
| | AREA | 478. | 216. | 3,187. |
| | TOTAL | 570. | 239. | 3,463. |
| 06 JEFFERSON CO | POINT | 510. | 122. | 142. |
| | AREA | 22,950. | 9,713. | 146,439. |
| | TOTAL | 23,460. | 9,835. | 146,581. |
| 06 KIOWA CO | POINT | 0. | 0. | 0. |
| | AREA | 484. | 253. | 3,287. |
| | TOTAL | 484. | 253. | 3,287. |
| 06 KIT CARSON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,227. | 694. | 9,778. |
| | TOTAL | 1,227. | 694. | 9,778. |
| 06 LAKE CO | POINT | 15. | 4. | 1. |
| | AREA | 903. | 395. | 6,894. |
| | TOTAL | 918. | 399. | 6,895. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 06 LA PLATA CO | POINT | 408. | 1,682. | 1,525. |
| | AREA | 2,597. | 1,179. | 19,753. |
| | TOTAL | 3,005. | 2,861. | 21,278. |
| 06 LARIMER CO | POINT | 118. | 1,294. | 126. |
| | AREA | 14,411. | 5,547. | 100,857. |
| | TOTAL | 14,529. | 6,841. | 100,983. |
| 06 LAS ANIMAS CO | POINT | 2. | 129. | 12. |
| | AREA | 1,980. | 770. | 14,990. |
| | TOTAL | 1,982. | 899. | 15,002. |
| 06 LINCOLN CO | POINT | 0. | 0. | 0. |
| | AREA | 771. | 445. | 5,592. |
| | TOTAL | 771. | 445. | 5,592. |
| 06 LOGAN CO | POINT | 10. | 63. | 0. |
| | AREA | 3,248. | 1,440. | 25,567. |
| | TOTAL | 3,258. | 1,503. | 25,567. |
| 06 MESA CO | POINT | 89. | 2,482. | 105. |
| | AREA | 8,588. | 3,782. | 62,869. |
| | TOTAL | 8,677. | 6,264. | 62,974. |
| 06 MINERAL CO | POINT | 0. | 0. | 0. |
| | AREA | 180. | 70. | 1,258. |
| | TOTAL | 180. | 70. | 1,258. |
| 06 MOFFAT CO | POINT | 795. | 0. | 0. |
| | AREA | 1,702. | 638. | 12,384. |
| | TOTAL | 2,497. | 638. | 12,384. |
| 06 MONTEZUMA CO | POINT | 363. | 35. | 4,290. |
| | AREA | 2,097. | 952. | 16,457. |
| | TOTAL | 2,460. | 987. | 20,747. |
| 06 MONTROSE CO | POINT | 96. | 1,127. | 607. |
| | AREA | 2,648. | 1,294. | 19,915. |
| | TOTAL | 2,744. | 2,421. | 20,522. |
| 06 MORGAN CO | POINT | 38. | 378. | 64. |
| | AREA | 3,405. | 1,524. | 27,649. |
| | TOTAL | 3,443. | 1,902. | 27,713. |
| 06 OTERO CO | POINT | 153. | 1,050. | 17. |
| | AREA | 3,119. | 1,293. | 23,630. |
| | TOTAL | 3,272. | 2,343. | 23,647. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 06 OURAY CO | POINT | 0. | 0. | 0. |
| | AREA | 242. | 140. | 1,798. |
| | TOTAL | 242. | 140. | 1,798. |
| 06 PARK CO | POINT | 0. | 0. | 0. |
| | AREA | 589. | 258. | 3,763. |
| | TOTAL | 589. | 258. | 3,763. |
| 06 PHILLIPS CO | POINT | 0. | 0. | 0. |
| | AREA | 643. | 438. | 5,435. |
| | TOTAL | 643. | 438. | 5,435. |
| 06 PITKIN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,474. | 945. | 10,059. |
| | TOTAL | 1,474. | 945. | 10,059. |
| 06 PROWERS CO | POINT | 1. | 217. | 10. |
| | AREA | 1,955. | 840. | 14,566. |
| | TOTAL | 1,956. | 1,057. | 14,576. |
| 06 PUEBLO CO | POINT | 2,432. | 17,654. | 32,763. |
| | AREA | 13,067. | 5,001. | 99,860. |
| | TOTAL | 15,499. | 22,655. | 132,623. |
| 06 RIO BLANCO CO | POINT | 55. | 0. | 17. |
| | AREA | 939. | 436. | 6,336. |
| | TOTAL | 994. | 436. | 6,353. |
| 06 RIO GRANDE CO | POINT | 166. | 3. | 1,966. |
| | AREA | 1,498. | 702. | 11,056. |
| | TOTAL | 1,664. | 705. | 13,022. |
| 06 ROUTT CO | POINT | 237. | 14,283. | 793. |
| | AREA | 1,432. | 809. | 9,818. |
| | TOTAL | 1,669. | 15,092. | 10,611. |
| 06 SAGUACHE CO | POINT | 0. | 0. | 0. |
| | AREA | 757. | 359. | 5,457. |
| | TOTAL | 757. | 359. | 5,457. |
| 06 SAN JUAN CO | POINT | 0. | 0. | 0. |
| | AREA | 130. | 52. | 811. |
| | TOTAL | 130. | 52. | 811. |
| 06 SAN MIGUEL CO | POINT | 1. | 0. | 4. |
| | AREA | 378. | 175. | 2,665. |
| | TOTAL | 379. | 175. | 2,669. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS * | | |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 06 SEDGWICK CO | POINT | 2. | 59. | 9. |
| | AREA | 581. | 335. | 4,201. |
| | TOTAL | 583. | 394. | 4,210. |
| 06 SUMMIT CO | POINT | 0. | 0. | 0. |
| | AREA | 749. | 517. | 5,125. |
| | TOTAL | 749. | 517. | 5,125. |
| 06 TELLER CO | POINT | 0. | 0. | 0. |
| | AREA | 653. | 354. | 4,753. |
| | TOTAL | 653. | 354. | 4,753. |
| 06 WASHINGTON CO | POINT | 0. | 0. | 0. |
| | AREA | 850. | 599. | 7,013. |
| | TOTAL | 850. | 599. | 7,013. |
| 06 WELD CO | POINT | 378. | 2,442. | 345. |
| | AREA | 13,957. | 6,738. | 109,753. |
| | TOTAL | 14,335. | 9,180. | 110,098. |
| 06 YUMA CO | POINT | 9. | 3,456. | 72. |
| | AREA | 1,379. | 903. | 11,174. |
| | TOTAL | 1,388. | 4,359. | 11,246. |
| 07 FAIRFIELD CO | POINT | 3,799. | 19,769. | 549,095. |
| | AREA | 85,796. | 36,259. | 333,321. |
| | TOTAL | 89,595. | 56,028. | 882,416. |
| 07 HARTFORD CO | POINT | 5,402. | 2,223. | 7,695. |
| | AREA | 80,082. | 33,725. | 340,356. |
| | TOTAL | 85,484. | 35,948. | 348,051. |
| 07 LITCHFIELD CO | POINT | 262. | 183. | 1,174. |
| | AREA | 17,740. | 9,233. | 71,301. |
| | TOTAL | 18,002. | 9,416. | 72,475. |
| 07 MIDDLESEX CO | POINT | 143. | 8,753. | 435. |
| | AREA | 14,647. | 7,539. | 56,645. |
| | TOTAL | 14,790. | 16,292. | 57,080. |
| 07 NEW HAVEN CO | POINT | 5,904. | 15,338. | 1,016. |
| | AREA | 73,795. | 30,106. | 313,788. |
| | TOTAL | 79,699. | 45,444. | 314,804. |
| 07 NEW LONDON CO | POINT | 1,657,036. | 4,320. | 336. |
| | AREA | 26,522. | 11,941. | 94,333. |
| | TOTAL | 1,683,558. | 16,261. | 94,669. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 07 TOLLAND CO | POINT | 87. | 69. | 6. |
| | AREA | 9,048. | 5,291. | 45,482. |
| | TOTAL | 9,135. | 5,360. | 45,488. |
| 07 WINDHAM CO | POINT | 187,019. | 337. | 30. |
| | AREA | 10,917. | 5,266. | 36,226. |
| | TOTAL | 197,936. | 5,603. | 36,256. |
| 08 KENT CO | POINT | 257. | 2,576. | 886. |
| | AREA | 9,214. | 5,675. | 42,436. |
| | TOTAL | 9,471. | 8,251. | 43,322. |
| 08 NEW CASTLE CO | POINT | 22,506. | 27,387. | 8,606. |
| | AREA | 43,012. | 19,849. | 215,316. |
| | TOTAL | 65,518. | 47,236. | 223,922. |
| 08 SUSSEX CO | POINT | 654. | 7,192. | 422. |
| | AREA | 10,213. | 7,039. | 47,379. |
| | TOTAL | 10,867. | 14,231. | 47,801. |
| 09 WASHINGTON | POINT | 567. | 11,304. | 7,393. |
| | AREA | 40,995. | 24,601. | 220,673. |
| | TOTAL | 41,562. | 35,905. | 228,066. |
| 10 ALACHUA CO | POINT | 55. | 1,028. | 197. |
| | AREA | 11,615. | 5,630. | 64,474. |
| | TOTAL | 11,670. | 6,658. | 64,671. |
| 10 BAKER CO | POINT | 1. | 87. | 7. |
| | AREA | 1,242. | 633. | 6,899. |
| | TOTAL | 1,243. | 720. | 6,906. |
| 10 BAY CO | POINT | 392. | 10,863. | 10,276. |
| | AREA | 10,986. | 4,523. | 48,825. |
| | TOTAL | 11,378. | 15,386. | 59,101. |
| 10 BRADFORD CO | POINT | 180. | 688. | 66. |
| | AREA | 1,798. | 894. | 9,161. |
| | TOTAL | 1,978. | 1,582. | 9,227. |
| 10 BREVARD CO | POINT | 182. | 11,728. | 658. |
| | AREA | 25,761. | 9,768. | 133,272. |
| | TOTAL | 25,943. | 21,496. | 133,930. |
| 10 BROWARD CO | POINT | 6,066. | 11,757. | 4,274. |
| | AREA | 79,304. | 37,530. | 438,401. |
| | TOTAL | 85,370. | 49,287. | 442,675. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 10 CALHOUN CO | POINT | 1,320. | 37. | 121. |
| | AREA | 908. | 597. | 3,745. |
| | TOTAL | 2,228. | 634. | 3,866. |
| 10 CHARLOTTE CO | POINT | 0. | 0. | 0. |
| | AREA | 4,875. | 2,129. | 25,083. |
| | TOTAL | 4,875. | 2,129. | 25,083. |
| 10 CITRUS CO | POINT | 70. | 7,351. | 351. |
| | AREA | 3,809. | 1,785. | 17,247. |
| | TOTAL | 3,879. | 9,136. | 17,598. |
| 10 CLAY CO | POINT | 211. | 202. | 4. |
| | AREA | 4,262. | 2,110. | 23,041. |
| | TOTAL | 4,473. | 2,312. | 23,045. |
| 10 COLLIER CO | POINT | 2. | 5. | 53. |
| | AREA | 10,783. | 3,587. | 61,333. |
| | TOTAL | 10,785. | 3,592. | 61,386. |
| 10 COLUMBIA CO | POINT | 56. | 30. | 552. |
| | AREA | 3,440. | 1,557. | 18,113. |
| | TOTAL | 3,496. | 1,587. | 18,665. |
| 10 DADE CO | POINT | 669. | 13,707. | 4,346. |
| | AREA | 138,311. | 53,156. | 735,243. |
| | TOTAL | 138,980. | 66,863. | 739,589. |
| 10 DE SOTO CO | POINT | 38. | 207. | 39. |
| | AREA | 1,625. | 1,002. | 9,628. |
| | TOTAL | 1,663. | 1,209. | 9,667. |
| 10 DIXIE CO | POINT | 93. | 453. | 137. |
| | AREA | 789. | 512. | 4,173. |
| | TOTAL | 882. | 965. | 4,310. |
| 10 DUVAL CO | POINT | 2,993. | 35,662. | 4,327. |
| | AREA | 74,487. | 32,566. | 467,318. |
| | TOTAL | 77,480. | 68,228. | 471,645. |
| 10 ESCAMBIA CO | POINT | 3,615. | 30,584. | 9,687. |
| | AREA | 18,372. | 8,197. | 102,571. |
| | TOTAL | 21,987. | 38,781. | 112,258. |
| 10 FLAGLER CO | POINT | 13. | 65. | 13. |
| | AREA | 1,031. | 564. | 4,856. |
| | TOTAL | 1,044. | 629. | 4,869. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 10 FRANKLIN CO | POINT | 99. | 9. | 1,176. |
| | AREA | 1,135. | 481. | 5,944. |
| | TOTAL | 1,234. | 490. | 7,120. |
| 10 GADSDEN CO | POINT | 29. | 965. | 57. |
| | AREA | 2,967. | 1,678. | 17,066. |
| | TOTAL | 2,996. | 2,643. | 17,123. |
| 10 GILCHRIST CO | POINT | 0. | 9. | 0. |
| | AREA | 429. | 300. | 2,339. |
| | TOTAL | 429. | 309. | 2,339. |
| 10 GLADES CO | POINT | 414. | 450. | 425. |
| | AREA | 3,336. | 588. | 15,315. |
| | TOTAL | 3,750. | 1,038. | 15,740. |
| 10 GULF CO | POINT | 426. | 4,548. | 25,120. |
| | AREA | 1,829. | 812. | 7,310. |
| | TOTAL | 2,255. | 5,360. | 32,430. |
| 10 HAMILTON CO | POINT | 0. | 3,716. | 0. |
| | AREA | 1,242. | 564. | 5,404. |
| | TOTAL | 1,242. | 4,280. | 5,404. |
| 10 HARDEE CO | POINT | 2. | 77. | 11. |
| | AREA | 1,559. | 1,096. | 9,139. |
| | TOTAL | 1,561. | 1,173. | 9,150. |
| 10 HENDRY CO | POINT | 460. | 705. | 472. |
| | AREA | 7,695. | 1,574. | 39,564. |
| | TOTAL | 8,155. | 2,279. | 40,036. |
| 10 HERNANDO CO | POINT | 0. | 15. | 1. |
| | AREA | 3,126. | 2,008. | 17,024. |
| | TOTAL | 3,126. | 2,023. | 17,025. |
| 10 HIGHLANDS CO | POINT | 3. | 656. | 16. |
| | AREA | 6,291. | 2,468. | 34,615. |
| | TOTAL | 6,294. | 3,124. | 34,631. |
| 10 HILLSBOROUGH CO | POINT | 2,246. | 46,098. | 6,719. |
| | AREA | 62,766. | 29,728. | 337,820. |
| | TOTAL | 65,012. | 75,826. | 344,539. |
| 10 HOLMES CO | POINT | 0. | 0. | 0. |
| | AREA | 1,038. | 711. | 4,942. |
| | TOTAL | 1,038. | 711. | 4,942. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 10 INDIAN RIVER CO | POINT | 8. | 411. | 40. |
| | AREA | 6,092. | 2,581. | 32,168. |
| | TOTAL | 6,100. | 2,992. | 32,208. |
| 10 JACKSON CO | POINT | 136. | 1,882. | 241. |
| | AREA | 3,362. | 1,975. | 16,644. |
| | TOTAL | 3,498. | 3,857. | 16,885. |
| 10 JEFFERSON CO | POINT | 0. | 0. | 0. |
| | AREA | 998. | 587. | 4,042. |
| | TOTAL | 998. | 587. | 4,042. |
| 10 LAFAYETTE CO | POINT | 0. | 0. | 0. |
| | AREA | 372. | 217. | 1,670. |
| | TOTAL | 372. | 217. | 1,670. |
| 10 LAKE CO | POINT | 17. | 175. | 17. |
| | AREA | 10,399. | 5,375. | 56,934. |
| | TOTAL | 10,416. | 5,550. | 56,951. |
| 10 LEE CO | POINT | 175. | 13,671. | 756. |
| | AREA | 15,942. | 7,406. | 95,251. |
| | TOTAL | 16,117. | 21,077. | 96,007. |
| 10 LEON CO | POINT | 46. | 3,244. | 173. |
| | AREA | 13,652. | 8,354. | 94,985. |
| | TOTAL | 13,698. | 11,598. | 95,158. |
| 10 LEVY CO | POINT | 15. | 1,124. | 29. |
| | AREA | 1,760. | 1,007. | 8,972. |
| | TOTAL | 1,775. | 2,131. | 9,001. |
| 10 LIBERTY CO | POINT | 539. | 361. | 396. |
| | AREA | 372. | 317. | 1,885. |
| | TOTAL | 911. | 678. | 2,281. |
| 10 MADISON CO | POINT | 0. | 50. | 4. |
| | AREA | 1,440. | 778. | 6,521. |
| | TOTAL | 1,440. | 828. | 6,525. |
| 10 MANATEE CO | POINT | 125. | 14,107. | 629. |
| | AREA | 11,859. | 5,646. | 70,059. |
| | TOTAL | 11,984. | 19,753. | 70,688. |
| 10 MARION CO | POINT | 3. | 14. | 10. |
| | AREA | 9,521. | 5,249. | 51,645. |
| | TOTAL | 9,524. | 5,263. | 51,655. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 10 MARTIN CO | POINT | 0. | 0. | 0. |
| | AREA | 4,491. | 2,737. | 20,166. |
| | TOTAL | 4,491. | 2,737. | 20,166. |
| 10 MONROE CO | POINT | 21. | 2,032. | 100. |
| | AREA | 8,252. | 2,581. | 39,195. |
| | TOTAL | 8,273. | 4,613. | 39,295. |
| 10 NASSAU CO | POINT | 633. | 4,719. | 835. |
| | AREA | 3,997. | 1,551. | 13,389. |
| | TOTAL | 4,630. | 6,270. | 14,224. |
| 10 OKALOOSA CO | POINT | 138. | 61. | 837. |
| | AREA | 9,394. | 4,409. | 51,223. |
| | TOTAL | 9,532. | 4,470. | 52,060. |
| 10 OKEECHOBEE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,873. | 1,178. | 17,089. |
| | TOTAL | 2,873. | 1,178. | 17,089. |
| 10 ORANGE CO | POINT | 1,374. | 1,546. | 2,443. |
| | AREA | 43,703. | 19,624. | 254,328. |
| | TOTAL | 45,077. | 21,170. | 256,771. |
| 10 OSCEOLA CO | POINT | 76. | 4,588. | 208. |
| | AREA | 9,210. | 2,614. | 47,455. |
| | TOTAL | 9,286. | 7,202. | 47,663. |
| 10 PALM BEACH CO | POINT | 860. | 12,286. | 1,179. |
| | AREA | 51,942. | 18,413. | 284,143. |
| | TOTAL | 52,802. | 30,699. | 285,322. |
| 10 PASCO CO | POINT | 113. | 11,863. | 567. |
| | AREA | 8,885. | 5,336. | 47,868. |
| | TOTAL | 8,998. | 17,199. | 48,435. |
| 10 PINELLAS CO | POINT | 144. | 2,536. | 581. |
| | AREA | 55,584. | 23,854. | 332,471. |
| | TOTAL | 55,728. | 26,390. | 333,052. |
| 10 POLK CO | POINT | 212. | 4,541. | 238. |
| | AREA | 33,077. | 15,677. | 195,555. |
| | TOTAL | 33,289. | 20,218. | 195,793. |
| 10 PUTNAM CO | POINT | 1,224. | 1,806. | 13,298. |
| | AREA | 5,644. | 2,202. | 19,637. |
| | TOTAL | 6,868. | 4,008. | 32,935. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 10 ST JOHNS CO | POINT | 0. | 0. | 0. |
| | AREA | 4,197. | 2,152. | 21,578. |
| | TOTAL | 4,197. | 2,152. | 21,578. |
| 10 ST LUCIE CO | POINT | 43. | 3,572. | 193. |
| | AREA | 6,948. | 3,568. | 42,447. |
| | TOTAL | 6,991. | 7,140. | 42,640. |
| 10 SANTA RCSA CO | POINT | 4,191. | 9,021. | 144. |
| | AREA | 11,300. | 4,175. | 40,040. |
| | TOTAL | 15,491. | 13,196. | 40,184. |
| 10 SARASOTA CO | POINT | 0. | 0. | 1. |
| | AREA | 14,308. | 6,970. | 82,492. |
| | TOTAL | 14,308. | 6,970. | 82,493. |
| 10 SEMINOLE CO | POINT | 2. | 6. | 7. |
| | AREA | 10,245. | 4,612. | 51,196. |
| | TOTAL | 10,247. | 4,618. | 51,203. |
| 10 SUMTER CO | POINT | 9. | 12. | 13. |
| | AREA | 1,892. | 1,116. | 8,521. |
| | TOTAL | 1,901. | 1,128. | 8,534. |
| 10 SUWANNEE CO | POINT | 28. | 3,835. | 153. |
| | AREA | 2,231. | 1,204. | 12,503. |
| | TOTAL | 2,259. | 5,039. | 12,656. |
| 10 TAYLOR CO | POINT | 271. | 2,682. | 1,378. |
| | AREA | 2,853. | 1,078. | 14,149. |
| | TOTAL | 3,124. | 3,760. | 15,527. |
| 10 UNION CO | POINT | 9. | 187. | 45. |
| | AREA | 713. | 446. | 4,098. |
| | TOTAL | 722. | 633. | 4,143. |
| 10 VOLUSIA CO | POINT | 250. | 14,094. | 957. |
| | AREA | 22,025. | 10,047. | 127,006. |
| | TOTAL | 22,275. | 24,141. | 127,963. |
| 10 WAKULLA CO | POINT | 14. | 430. | 70. |
| | AREA | 824. | 474. | 3,434. |
| | TOTAL | 838. | 904. | 3,504. |
| 10 WALTON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,138. | 903. | 10,396. |
| | TOTAL | 2,138. | 903. | 10,396. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS * | |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 10 WASHINGTON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,294. | 656. | 6,784. |
| | TOTAL | 1,294. | 656. | 6,784. |
| 11 APPLING CO | POINT | 0. | 0. | 0. |
| | AREA | 1,942. | 1,014. | 9,312. |
| | TOTAL | 1,942. | 1,014. | 9,312. |
| 11 ATKINSON CO | POINT | 24. | 124. | 24. |
| | AREA | 896. | 502. | 4,509. |
| | TOTAL | 920. | 626. | 4,533. |
| 11 BACON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,330. | 790. | 7,050. |
| | TOTAL | 1,330. | 790. | 7,050. |
| 11 BAKER CO | POINT | 0. | 0. | 0. |
| | AREA | 702. | 270. | 3,530. |
| | TOTAL | 702. | 270. | 3,530. |
| 11 BALDWIN CO | POINT | 0. | 16. | 0. |
| | AREA | 2,446. | 1,175. | 11,459. |
| | TOTAL | 2,446. | 1,191. | 11,459. |
| 11 BANKS CO | POINT | 0. | 0. | 0. |
| | AREA | 716. | 450. | 2,807. |
| | TOTAL | 716. | 450. | 2,807. |
| 11 BARROW CO | POINT | 0. | 10. | 15. |
| | AREA | 2,589. | 1,351. | 10,611. |
| | TOTAL | 2,589. | 1,361. | 10,626. |
| 11 BARTOW CO | POINT | 386. | 23,130. | 1,286. |
| | AREA | 5,549. | 2,650. | 20,109. |
| | TOTAL | 5,935. | 25,780. | 21,395. |
| 11 BEN HILL CO | POINT | 0. | 0. | 0. |
| | AREA | 2,120. | 1,045. | 10,135. |
| | TOTAL | 2,120. | 1,045. | 10,135. |
| 11 BERRIEN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,951. | 1,015. | 9,637. |
| | TOTAL | 1,951. | 1,015. | 9,637. |
| 11 BIBB CO | POINT | 478. | 6,269. | 5,020. |
| | AREA | 16,405. | 7,253. | 71,632. |
| | TOTAL | 16,883. | 13,522. | 76,652. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 11 BLECKLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,273. | 761. | 6,760. |
| | TOTAL | 1,273. | 761. | 6,760. |
| 11 BRANTLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,006. | 517. | 5,254. |
| | TOTAL | 1,006. | 517. | 5,254. |
| 11 BROOKS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,861. | 896. | 9,338. |
| | TOTAL | 1,861. | 896. | 9,338. |
| 11 BRYAN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,584. | 695. | 6,890. |
| | TOTAL | 1,584. | 695. | 6,890. |
| 11 BULLOCH CO | POINT | 0. | 0. | 0. |
| | AREA | 3,909. | 2,013. | 19,950. |
| | TOTAL | 3,909. | 2,013. | 19,950. |
| 11 BURKE CO | POINT | 0. | 0. | 0. |
| | AREA | 3,009. | 1,200. | 13,572. |
| | TOTAL | 3,009. | 1,200. | 13,572. |
| 11 BUTTS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,349. | 722. | 5,917. |
| | TOTAL | 1,349. | 722. | 5,917. |
| 11 CALHOUN CO | POINT | 0. | 0. | 0. |
| | AREA | 893. | 494. | 4,302. |
| | TOTAL | 893. | 494. | 4,302. |
| 11 CAMDEN CO | POINT | 129. | 2,302. | 8,386. |
| | AREA | 3,445. | 1,029. | 10,959. |
| | TOTAL | 3,574. | 3,331. | 19,345. |
| 11 CANDLER CO | POINT | 0. | 0. | 0. |
| | AREA | 933. | 629. | 4,946. |
| | TOTAL | 933. | 629. | 4,946. |
| 11 CARROLL CO | POINT | 0. | 34. | 7,201. |
| | AREA | 5,909. | 3,315. | 24,684. |
| | TOTAL | 5,909. | 3,349. | 31,885. |
| 11 CATOOSA CO | POINT | 0. | 0. | 0. |
| | AREA | 2,245. | 1,196. | 8,991. |
| | TOTAL | 2,245. | 1,196. | 8,991. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 11 CHARLTON CO | POINT | 18. | 96. | 18. |
| | AREA | 1,476. | 621. | 7,608. |
| | TOTAL | 1,494. | 717. | 7,626. |
| 11 CHATHAM CO | POINT | 1,740. | 20,406. | 33,600. |
| | AREA | 17,626. | 8,420. | 83,665. |
| | TOTAL | 19,366. | 28,826. | 117,265. |
| 11 CHATTAHOOCHEE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,227. | 1,057. | 11,771. |
| | TOTAL | 2,227. | 1,057. | 11,771. |
| 11 CHATTOOGA CO | POINT | 28. | 788. | 68. |
| | AREA | 3,023. | 1,457. | 11,010. |
| | TOTAL | 3,051. | 2,245. | 11,078. |
| 11 CHEROKEE CO | POINT | 2. | 105. | 10. |
| | AREA | 3,399. | 2,406. | 15,150. |
| | TOTAL | 3,401. | 2,511. | 15,160. |
| 11 CLARKE CO | POINT | 12. | 142. | 17. |
| | AREA | 7,516. | 4,036. | 29,530. |
| | TOTAL | 7,528. | 4,178. | 29,547. |
| 11 CLAY CO | POINT | 0. | 0. | 0. |
| | AREA | 479. | 232. | 2,408. |
| | TOTAL | 479. | 232. | 2,408. |
| 11 CLAYTON CO | POINT | 43. | 2. | 0. |
| | AREA | 10,914. | 5,824. | 57,683. |
| | TOTAL | 10,957. | 5,826. | 57,683. |
| 11 CLINCH CO | POINT | 0. | 0. | 0. |
| | AREA | 2,683. | 570. | 8,274. |
| | TOTAL | 2,683. | 570. | 8,274. |
| 11 COBB CO | POINT | 204. | 13,109. | 608. |
| | AREA | 27,473. | 13,243. | 133,871. |
| | TOTAL | 27,677. | 26,352. | 134,479. |
| 11 COFFEE CO | POINT | 0. | 0. | 0. |
| | AREA | 3,452. | 1,755. | 16,818. |
| | TOTAL | 3,452. | 1,755. | 16,818. |
| 11 COLQUITT CO | POINT | 0. | 0. | 0. |
| | AREA | 6,298. | 2,320. | 22,006. |
| | TOTAL | 6,298. | 2,320. | 22,006. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 11 COLUMBIA CO | POINT | 0. | 0. | 0. |
| | AREA | 15,926. | 1,150. | 7,207. |
| | TOTAL | 15,926. | 1,150. | 7,207. |
| 11 COOK CO | POINT | 90. | 2. | 6. |
| | AREA | 1,933. | 957. | 8,485. |
| | TOTAL | 2,023. | 959. | 8,491. |
| 11 COWETA CO | POINT | 403. | 24,561. | 1,351. |
| | AREA | 4,550. | 2,339. | 18,188. |
| | TOTAL | 4,953. | 26,900. | 19,539. |
| 11 CRAWFORD CO | POINT | 0. | 0. | 0. |
| | AREA | 546. | 337. | 2,350. |
| | TOTAL | 546. | 337. | 2,350. |
| 11 CRISP CO | POINT | 0. | 0. | 0. |
| | AREA | 2,670. | 1,113. | 10,550. |
| | TOTAL | 2,670. | 1,113. | 10,550. |
| 11 DADE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,034. | 714. | 4,065. |
| | TOTAL | 1,034. | 714. | 4,065. |
| 11 DAWSON CO | POINT | 0. | 0. | 0. |
| | AREA | 578. | 539. | 2,807. |
| | TOTAL | 578. | 539. | 2,807. |
| 11 DECATUR CO | POINT | 20. | 811. | 26. |
| | AREA | 4,016. | 1,491. | 16,193. |
| | TOTAL | 4,036. | 2,302. | 16,219. |
| 11 DE KALB CO | POINT | 1,754. | 38. | 4. |
| | AREA | 32,082. | 13,590. | 111,815. |
| | TOTAL | 33,836. | 13,628. | 111,819. |
| 11 DODGE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,093. | 1,058. | 10,573. |
| | TOTAL | 2,093. | 1,058. | 10,573. |
| 11 DOOLY CO | POINT | 11. | 7. | 12. |
| | AREA | 1,390. | 844. | 6,311. |
| | TOTAL | 1,401. | 851. | 6,323. |
| 11 DOUGHERTY CO | POINT | 392. | 5,563. | 307. |
| | AREA | 11,656. | 5,767. | 46,102. |
| | TOTAL | 12,048. | 11,330. | 46,409. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 11 DOUGLAS CO | POINT | 0. | 0. | 0. |
| | AREA | 4,214. | 2,606. | 19,780. |
| | TOTAL | 4,214. | 2,606. | 19,780. |
| 11 EARLY CO | POINT | 430. | 5,003. | 13,214. |
| | AREA | 2,224. | 992. | 8,983. |
| | TOTAL | 2,654. | 5,995. | 22,197. |
| 11 ECHOLS CO | POINT | 0. | 0. | 0. |
| | AREA | 602. | 196. | 3,514. |
| | TOTAL | 602. | 196. | 3,514. |
| 11 EFFINGHAM CO | POINT | 2. | 49. | 3. |
| | AREA | 1,665. | 1,021. | 8,253. |
| | TOTAL | 1,667. | 1,070. | 8,256. |
| 11 ELBERT CO | POINT | 0. | 0. | 0. |
| | AREA | 2,559. | 1,381. | 11,218. |
| | TOTAL | 2,559. | 1,381. | 11,218. |
| 11 EMANUEL CO | POINT | 0. | 6. | 0. |
| | AREA | 3,064. | 1,322. | 14,337. |
| | TOTAL | 3,064. | 1,328. | 14,337. |
| 11 EVANS CO | POINT | 17. | 87. | 17. |
| | AREA | 1,087. | 529. | 4,826. |
| | TOTAL | 1,104. | 616. | 4,843. |
| 11 FANNIN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,448. | 947. | 5,719. |
| | TOTAL | 1,448. | 947. | 5,719. |
| 11 FAYETTE CO | POINT | 2. | 36. | 2. |
| | AREA | 1,560. | 1,259. | 6,702. |
| | TOTAL | 1,562. | 1,295. | 6,704. |
| 11 FLOYD CO | POINT | 903. | 15,439. | 881. |
| | AREA | 8,070. | 4,375. | 34,005. |
| | TOTAL | 8,973. | 19,814. | 34,886. |
| 11 FORSYTH CO | POINT | 0. | 0. | 0. |
| | AREA | 2,161. | 1,884. | 10,591. |
| | TOTAL | 2,161. | 1,884. | 10,591. |
| 11 FRANKLIN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,872. | 1,276. | 7,599. |
| | TOTAL | 1,872. | 1,276. | 7,599. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 11 FULTON CO | POINT | 2,484. | 2,829. | 73. |
| | AREA | 76,989. | 39,139. | 402,700. |
| | TOTAL | 79,473. | 41,968. | 402,773. |
| 11 GILMER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,306. | 777. | 4,564. |
| | TOTAL | 1,306. | 777. | 4,564. |
| 11 GLASCOCK CO | POINT | 0. | 0. | 0. |
| | AREA | 321. | 218. | 1,530. |
| | TOTAL | 321. | 218. | 1,530. |
| 11 GLYNN CO | POINT | 803. | 8,422. | 8,457. |
| | AREA | 7,156. | 3,560. | 31,325. |
| | TOTAL | 7,959. | 11,982. | 39,782. |
| 11 GORDON CO | POINT | 0. | 11. | 0. |
| | AREA | 3,784. | 2,217. | 14,934. |
| | TOTAL | 3,784. | 2,228. | 14,934. |
| 11 GRADY CO | POINT | 0. | 0. | 0. |
| | AREA | 2,407. | 1,367. | 11,202. |
| | TOTAL | 2,407. | 1,367. | 11,202. |
| 11 GREENE CO | POINT | 92. | 462. | 92. |
| | AREA | 1,393. | 720. | 4,997. |
| | TOTAL | 1,485. | 1,182. | 5,089. |
| 11 GWINNETT CO | POINT | 0. | 3. | 0. |
| | AREA | 9,607. | 6,127. | 34,821. |
| | TOTAL | 9,607. | 6,130. | 34,821. |
| 11 HABERSHAM CO | POINT | 1. | 4. | 1. |
| | AREA | 3,105. | 1,685. | 11,315. |
| | TOTAL | 3,106. | 1,689. | 11,316. |
| 11 HALL CO | POINT | 1. | 30. | 4. |
| | AREA | 8,256. | 4,496. | 31,982. |
| | TOTAL | 8,257. | 4,526. | 31,986. |
| 11 HANCOCK CO | POINT | 0. | 0. | 0. |
| | AREA | 823. | 463. | 3,342. |
| | TOTAL | 823. | 463. | 3,342. |
| 11 HARALSON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,929. | 1,207. | 10,433. |
| | TOTAL | 2,929. | 1,207. | 10,433. |

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-------------------------------------------------------------------------------
                        TYPE OF              COMPUTED EMISSIONS        *
STATE AND COUNTY        EMISSIONS       HC              NOX            CO
===============================================================================

11 HARRIS CO            POINT           0.              0.             0.
                        AREA        1,232.            777.         5,129.
                        TOTAL       1,232.            777.         5,129.

11 HART CO              POINT           0.              0.             0.
                        AREA        2,377.            963.         7,782.
                        TOTAL       2,377.            963.         7,782.

11 HEARD CO             POINT          17.          1,097.            59.
                        AREA          572.            442.         2,394.
                        TOTAL         589.          1,539.         2,453.

11 HENRY CO             POINT           1.             16.             1.
                        AREA        3,145.          1,988.        12,979.
                        TOTAL       3,146.          2,004.        12,980.

11 HOUSTON CO           POINT           0.            473.             0.
                        AREA        6,206.          3,427.        33,928.
                        TOTAL       6,206.          3,900.        33,928.

11 IRWIN CO             POINT           0.              0.             0.
                        AREA        1,084.            592.         6,082.
                        TOTAL       1,084.            592.         6,082.

11 JACKSON CO           POINT           0.              0.             0.
                        AREA        2,899.          1,780.        11,999.
                        TOTAL       2,899.          1,780.        11,999.

11 JASPER CO            POINT           3.             21.             3.
                        AREA          993.            487.         3,142.
                        TOTAL         996.            508.         3,145.

11 JEFF DAVIS CO        POINT           0.              0.             0.
                        AREA        1,976.            799.         8,196.
                        TOTAL       1,976.            799.         8,196.

11 JEFFERSON CO         POINT           1.             39.             7.
                        AREA        2,260.          1,207.        10,295.
                        TOTAL       2,261.          1,246.        10,302.

11 JENKINS CO           POINT           0.              0.             0.
                        AREA        1,309.            575.         6,629.
                        TOTAL       1,309.            575.         6,629.

11 JOHNSON CO           POINT           0.              0.             0.
                        AREA        1,079.            587.         4,884.
                        TOTAL       1,079.            587.         4,884.
```

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 11 JONES CO | POINT | 0. | 0. | 0. |
| | AREA | 864. | 779. | 4,547. |
| | TOTAL | 864. | 779. | 4,547. |
| 11 LAMAR CO | POINT | 0. | 0. | 0. |
| | AREA | 1,314. | 690. | 5,630. |
| | TOTAL | 1,314. | 690. | 5,630. |
| 11 LANIER CO | POINT | 0. | 0. | 0. |
| | AREA | 729. | 341. | 3,751. |
| | TOTAL | 729. | 341. | 3,751. |
| 11 LAURENS CO | POINT | 50. | 454. | 68. |
| | AREA | 5,417. | 2,316. | 23,364. |
| | TOTAL | 5,467. | 2,770. | 23,432. |
| 11 LEE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,254. | 776. | 5,567. |
| | TOTAL | 1,254. | 776. | 5,567. |
| 11 LIBERTY CO | POINT | 1. | 785. | 3,400. |
| | AREA | 3,104. | 1,219. | 11,820. |
| | TOTAL | 3,105. | 2,004. | 15,220. |
| 11 LINCOLN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,492. | 624. | 5,836. |
| | TOTAL | 1,492. | 624. | 5,836. |
| 11 LONG CO | POINT | 0. | 0. | 0. |
| | AREA | 834. | 418. | 4,947. |
| | TOTAL | 834. | 418. | 4,947. |
| 11 LOWNDES CO | POINT | 179. | 2,049. | 5,883. |
| | AREA | 7,356. | 3,539. | 31,268. |
| | TOTAL | 7,535. | 5,588. | 37,151. |
| 11 LUMPKIN CO | POINT | 0. | 0. | 0. |
| | AREA | 915. | 686. | 5,317. |
| | TOTAL | 915. | 686. | 5,317. |
| 11 MC DUFFIE CO | POINT | 41. | 44. | 199. |
| | AREA | 3,506. | 1,049. | 6,404. |
| | TOTAL | 3,547. | 1,093. | 6,603. |
| 11 MC INTOSH CO | POINT | 0. | 0. | 0. |
| | AREA | 1,933. | 621. | 7,775. |
| | TOTAL | 1,933. | 621. | 7,775. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 11 MACON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,550. | 770. | 7,875. |
| | TOTAL | 1,550. | 770. | 7,875. |
| 11 MADISON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,840. | 1,128. | 6,911. |
| | TOTAL | 1,840. | 1,128. | 6,911. |
| 11 MARION CO | POINT | 0. | 0. | 0. |
| | AREA | 708. | 397. | 3,236. |
| | TOTAL | 708. | 397. | 3,236. |
| 11 MERIWETHER CO | POINT | 172. | 866. | 172. |
| | AREA | 2,304. | 1,060. | 7,493. |
| | TOTAL | 2,476. | 1,926. | 7,665. |
| 11 MILLER CO | POINT | 0. | 0. | 0. |
| | AREA | 836. | 659. | 4,517. |
| | TOTAL | 836. | 659. | 4,517. |
| 11 MITCHELL CO | POINT | 7. | 92. | 18. |
| | AREA | 2,621. | 1,264. | 13,286. |
| | TOTAL | 2,628. | 1,356. | 13,304. |
| 11 MONROE CO | POINT | 1. | 3. | 1. |
| | AREA | 1,509. | 710. | 5,824. |
| | TOTAL | 1,510. | 713. | 5,825. |
| 11 MONTGOMERY CO | POINT | 178. | 111. | 145. |
| | AREA | 903. | 528. | 4,289. |
| | TOTAL | 1,081. | 639. | 4,434. |
| 11 MORGAN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,221. | 685. | 4,853. |
| | TOTAL | 1,221. | 685. | 4,853. |
| 11 MURRAY CO | POINT | 0. | 0. | 0. |
| | AREA | 2,170. | 1,111. | 7,943. |
| | TOTAL | 2,170. | 1,111. | 7,943. |
| 11 MUSCOGEE CO | POINT | 291. | 320. | 48. |
| | AREA | 16,289. | 8,733. | 78,868. |
| | TOTAL | 16,580. | 9,053. | 78,916. |
| 11 NEWTON CO | POINT | 0. | 0. | 0. |
| | AREA | 3,961. | 2,145. | 14,809. |
| | TOTAL | 3,961. | 2,145. | 14,809. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 11 OCONEE CO | POINT | 0. | 0. | 0. |
| | AREA | 832. | 675. | 3,727. |
| | TOTAL | 832. | 675. | 3,727. |
| 11 OGLETHORPE CO | POINT | 0. | 0. | 0. |
| | AREA | 601. | 452. | 2,824. |
| | TOTAL | 601. | 452. | 2,824. |
| 11 PAULDING CO | POINT | 1. | 12. | 1. |
| | AREA | 1,578. | 1,389. | 6,903. |
| | TOTAL | 1,579. | 1,401. | 6,904. |
| 11 PEACH CO | POINT | 0. | 0. | 0. |
| | AREA | 2,512. | 989. | 8,448. |
| | TOTAL | 2,512. | 989. | 8,448. |
| 11 PICKENS CO | POINT | 4. | 75. | 9. |
| | AREA | 1,587. | 880. | 4,211. |
| | TOTAL | 1,591. | 955. | 4,220. |
| 11 PIERCE CO | POINT | 2. | 39. | 3. |
| | AREA | 1,334. | 847. | 6,914. |
| | TOTAL | 1,336. | 886. | 6,917. |
| 11 PIKE CO | POINT | 0. | 0. | 0. |
| | AREA | 708. | 555. | 3,495. |
| | TOTAL | 708. | 555. | 3,495. |
| 11 POLK CO | POINT | 0. | 325. | 0. |
| | AREA | 4,412. | 1,932. | 17,341. |
| | TOTAL | 4,412. | 2,257. | 17,341. |
| 11 PULASKI CO | POINT | 0. | 0. | 0. |
| | AREA | 1,139. | 702. | 6,536. |
| | TOTAL | 1,139. | 702. | 6,536. |
| 11 PUTNAM CO | POINT | 473. | 27,659. | 1,547. |
| | AREA | 1,264. | 681. | 5,713. |
| | TOTAL | 1,737. | 28,340. | 7,260. |
| 11 QUITMAN CO | POINT | 0. | 0. | 0. |
| | AREA | 315. | 183. | 1,650. |
| | TOTAL | 315. | 183. | 1,650. |
| 11 RABUN CO | POINT | 4. | 242. | 20. |
| | AREA | 1,063. | 674. | 4,191. |
| | TOTAL | 1,067. | 916. | 4,211. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS<br>NOX | *<br>CO |
|---|---|---|---|---|
| 11 RANDOLPH CO | POINT | 1. | 16. | 1. |
| | AREA | 1,338. | 575. | 6,852. |
| | TOTAL | 1,339. | 591. | 6,853. |
| 11 RICHMOND CO | POINT | 264. | 7,909. | 6,813. |
| | AREA | 14,665. | 8,843. | 71,493. |
| | TOTAL | 14,929. | 16,752. | 78,306. |
| 11 ROCKDALE CO | POINT | 0. | 0. | 0. |
| | AREA | 3,042. | 1,839. | 11,079. |
| | TOTAL | 3,042. | 1,839. | 11,079. |
| 11 SCHLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 594. | 303. | 2,216. |
| | TOTAL | 594. | 303. | 2,216. |
| 11 SCREVEN CO | POINT | 0. | 0. | 0. |
| | AREA | 2,163. | 991. | 10,616. |
| | TOTAL | 2,163. | 991. | 10,616. |
| 11 SEMINOLE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,515. | 661. | 6,974. |
| | TOTAL | 1,515. | 661. | 6,974. |
| 11 SPALDING CO | POINT | 1. | 105. | 4. |
| | AREA | 4,562. | 2,211. | 20,052. |
| | TOTAL | 4,563. | 2,316. | 20,056. |
| 11 STEPHENS CO | POINT | 6. | 99. | 12. |
| | AREA | 3,444. | 1,512. | 12,093. |
| | TOTAL | 3,450. | 1,611. | 12,105. |
| 11 STEWART CO | POINT | 19. | 97. | 19. |
| | AREA | 944. | 427. | 4,654. |
| | TOTAL | 963. | 524. | 4,673. |
| 11 SUMTER CO | POINT | 0. | 0. | 0. |
| | AREA | 3,505. | 1,850. | 16,465. |
| | TOTAL | 3,505. | 1,850. | 16,465. |
| 11 TALBOT CO | POINT | 2. | 18. | 2. |
| | AREA | 561. | 297. | 2,018. |
| | TOTAL | 563. | 315. | 2,020. |
| 11 TALIAFERRO CO | POINT | 0. | 0. | 0. |
| | AREA | 240. | 182. | 1,042. |
| | TOTAL | 240. | 182. | 1,042. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 11 TATTNALL CO | POINT | 0. | 0. | 0. |
| | AREA | 2,108. | 1,190. | 10,181. |
| | TOTAL | 2,108. | 1,190. | 10,181. |
| 11 TAYLOR CO | POINT | 0. | 0. | 0. |
| | AREA | 797. | 557. | 3,534. |
| | TOTAL | 797. | 557. | 3,534. |
| 11 TELFAIR CO | POINT | 0. | 0. | 0. |
| | AREA | 1,740. | 879. | 8,477. |
| | TOTAL | 1,740. | 879. | 8,477. |
| 11 TERRELL CO | POINT | 0. | 0. | 0. |
| | AREA | 8,924. | 651. | 6,685. |
| | TOTAL | 8,924. | 651. | 6,685. |
| 11 THOMAS CO | POINT | 0. | 0. | 0. |
| | AREA | 4,711. | 2,272. | 21,673. |
| | TOTAL | 4,711. | 2,272. | 21,673. |
| 11 TIFT CO | POINT | 0. | 0. | 0. |
| | AREA | 4,045. | 2,464. | 21,081. |
| | TOTAL | 4,045. | 2,464. | 21,081. |
| 11 TOOMBS CO | POINT | 0. | 0. | 0. |
| | AREA | 2,723. | 1,339. | 13,036. |
| | TOTAL | 2,723. | 1,339. | 13,036. |
| 11 TOWNS CO | POINT | 0. | 0. | 0. |
| | AREA | 538. | 424. | 2,510. |
| | TOTAL | 538. | 424. | 2,510. |
| 11 TREUTLEN CO | POINT | 0. | 0. | 0. |
| | AREA | 754. | 442. | 4,363. |
| | TOTAL | 754. | 442. | 4,363. |
| 11 TROUP CO | POINT | 0. | 0. | 0. |
| | AREA | 6,320. | 2,448. | 23,928. |
| | TOTAL | 6,320. | 2,448. | 23,928. |
| 11 TURNER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,383. | 737. | 6,446. |
| | TOTAL | 1,383. | 737. | 6,446. |
| 11 TWIGGS CO | POINT | 7. | 135. | 8. |
| | AREA | 764. | 550. | 3,784. |
| | TOTAL | 771. | 685. | 3,792. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 11 UNION CO | POINT | 1. | 6. | 1. |
| | AREA | 962. | 696. | 3,699. |
| | TOTAL | 963. | 702. | 3,700. |
| 11 UPSON CO | POINT | 69. | 148. | 2. |
| | AREA | 3,013. | 1,542. | 13,770. |
| | TOTAL | 3,082. | 1,690. | 13,772. |
| 11 WALKER CO | POINT | 33. | 1,067. | 80. |
| | AREA | 7,405. | 3,953. | 35,684. |
| | TOTAL | 7,438. | 5,020. | 35,764. |
| 11 WALTON CO | POINT | 0. | 0. | 0. |
| | AREA | 3,482. | 1,744. | 13,267. |
| | TOTAL | 3,482. | 1,744. | 13,267. |
| 11 WARE CO | POINT | 105. | 148. | 29. |
| | AREA | 4,508. | 1,993. | 23,566. |
| | TOTAL | 4,613. | 2,141. | 23,595. |
| 11 WARREN CO | POINT | 17. | 86. | 17. |
| | AREA | 719. | 367. | 2,438. |
| | TOTAL | 736. | 453. | 2,455. |
| 11 WASHINGTON CO | POINT | 35. | 214. | 35. |
| | AREA | 1,931. | 1,130. | 9,487. |
| | TOTAL | 1,966. | 1,344. | 9,522. |
| 11 WAYNE CO | POINT | 12. | 1,990. | 13,127. |
| | AREA | 3,525. | 1,588. | 14,274. |
| | TOTAL | 3,537. | 3,578. | 27,401. |
| 11 WEBSTER CO | POINT | 0. | 0. | 0. |
| | AREA | 391. | 213. | 2,027. |
| | TOTAL | 391. | 213. | 2,027. |
| 11 WHEELER CO | POINT | 0. | 0. | 0. |
| | AREA | 794. | 405. | 3,867. |
| | TOTAL | 794. | 405. | 3,867. |
| 11 WHITE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,037. | 808. | 3,878. |
| | TOTAL | 1,037. | 808. | 3,878. |
| 11 WHITFIELD CO | POINT | 11. | 546. | 30. |
| | AREA | 9,307. | 4,822. | 35,945. |
| | TOTAL | 9,318. | 5,368. | 35,975. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | NOX | *<br>CO |
|---|---|---|---|---|
| 11 WILCOX CO | POINT | 0. | 0. | 0. |
| | AREA | 1,101. | 608. | 5,430. |
| | TOTAL | 1,101. | 608. | 5,430. |
| 11 WILKES CO | POINT | 0. | 0. | 0. |
| | AREA | 1,496. | 721. | 6,644. |
| | TOTAL | 1,496. | 721. | 6,644. |
| 11 WILKINSON CO | POINT | 5. | 137. | 10. |
| | AREA | 972. | 574. | 4,785. |
| | TOTAL | 977. | 711. | 4,795. |
| 11 WORTH CO | POINT | 1. | 164. | 7. |
| | AREA | 1,944. | 1,076. | 9,902. |
| | TOTAL | 1,945. | 1,240. | 9,909. |
| 12 HAWAII CO | POINT | 777. | 3,045. | 217. |
| | AREA | 10,399. | 4,451. | 53,954. |
| | TOTAL | 11,176. | 7,496. | 54,171. |
| 12 HONOLULU CO | POINT | 3,247. | 22,919. | 3,110. |
| | AREA | 48,652. | 20,802. | 248,416. |
| | TOTAL | 51,899. | 43,721. | 251,526. |
| 12 KAUAI CO | POINT | 213. | 881. | 265. |
| | AREA | 6,225. | 2,543. | 27,870. |
| | TOTAL | 6,438. | 3,424. | 28,135. |
| 12 MAUI CO | POINT | 382. | 3,816. | 505. |
| | AREA | 8,494. | 3,148. | 39,844. |
| | TOTAL | 8,876. | 6,964. | 40,349. |
| 13 ADA CO | POINT | 338. | 0. | 0. |
| | AREA | 15,521. | 9,970. | 84,255. |
| | TOTAL | 15,859. | 9,970. | 84,255. |
| 13 ADAMS CO | POINT | 527. | 352. | 5,567. |
| | AREA | 2,520. | 687. | 14,319. |
| | TOTAL | 3,047. | 1,039. | 19,886. |
| 13 BANNOCK CO | POINT | 211. | 149. | 0. |
| | AREA | 8,693. | 3,690. | 57,654. |
| | TOTAL | 8,904. | 3,839. | 57,654. |
| 13 BEAR LAKE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,346. | 746. | 14,837. |
| | TOTAL | 2,346. | 746. | 14,837. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 13 BENEWAH CO | POINT | 248. | 425. | 2,044. |
| | AREA | 2,183. | 840. | 11,583. |
| | TOTAL | 2,431. | 1,265. | 13,627. |
| 13 BINGHAM CO | POINT | 0. | 0. | 0. |
| | AREA | 6,871. | 2,944. | 45,593. |
| | TOTAL | 6,871. | 2,944. | 45,593. |
| 13 BLAINE CO | POINT | 0. | 0. | 0. |
| | AREA | 5,359. | 1,515. | 31,699. |
| | TOTAL | 5,359. | 1,515. | 31,699. |
| 13 BOISE CO | POINT | 12. | 61. | 12. |
| | AREA | 5,554. | 1,066. | 32,788. |
| | TOTAL | 5,566. | 1,127. | 32,800. |
| 13 BONNER CO | POINT | 356. | 252. | 3,858. |
| | AREA | 5,401. | 2,048. | 29,139. |
| | TOTAL | 5,757. | 2,300. | 32,997. |
| 13 BONNEVILLE CO | POINT | 16. | 1,132. | 47. |
| | AREA | 9,760. | 4,351. | 68,263. |
| | TOTAL | 9,776. | 5,483. | 68,310. |
| 13 BOUNDARY CO | POINT | 175. | 349. | 1,334. |
| | AREA | 3,194. | 1,016. | 19,061. |
| | TOTAL | 3,369. | 1,365. | 20,395. |
| 13 BUTTE CO | POINT | 2. | 131. | 11. |
| | AREA | 4,096. | 912. | 24,303. |
| | TOTAL | 4,098. | 1,043. | 24,314. |
| 13 CAMAS CO | POINT | 3. | 0. | 41. |
| | AREA | 1,885. | 387. | 11,247. |
| | TOTAL | 1,888. | 387. | 11,288. |
| 13 CANYON CO | POINT | 11. | 1,332. | 53. |
| | AREA | 9,289. | 6,428. | 46,926. |
| | TOTAL | 9,300. | 7,760. | 46,979. |
| 13 CARIBOU CO | POINT | 0. | 12. | 1. |
| | AREA | 3,758. | 1,119. | 22,792. |
| | TOTAL | 3,758. | 1,131. | 22,793. |
| 13 CASSIA CO | POINT | 2. | 0. | 0. |
| | AREA | 6,410. | 2,145. | 41,201. |
| | TOTAL | 6,412. | 2,145. | 41,201. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 13 CLARK CO | POINT | 0. | 0. | 0. |
| | AREA | 4,146. | 769. | 24,350. |
| | TOTAL | 4,146. | 769. | 24,350. |
| 13 CLEARWATER CO | POINT | 149. | 296. | 1,170. |
| | AREA | 5,657. | 1,591. | 31,507. |
| | TOTAL | 5,806. | 1,887. | 32,677. |
| 13 CUSTER CO | POINT | 0. | 0. | 0. |
| | AREA | 9,404. | 1,780. | 55,375. |
| | TOTAL | 9,404. | 1,780. | 55,375. |
| 13 ELMORE CO | POINT | 34. | 517. | 69. |
| | AREA | 6,943. | 2,254. | 38,966. |
| | TOTAL | 6,977. | 2,771. | 39,035. |
| 13 FRANKLIN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,969. | 818. | 13,668. |
| | TOTAL | 1,969. | 818. | 13,668. |
| 13 FREMONT CO | POINT | 450. | 207. | 4,951. |
| | AREA | 6,201. | 1,615. | 38,223. |
| | TOTAL | 6,651. | 1,822. | 43,174. |
| 13 GEM CO | POINT | 109. | 545. | 109. |
| | AREA | 1,881. | 1,097. | 11,054. |
| | TOTAL | 1,990. | 1,642. | 11,163. |
| 13 GOODING CO | POINT | 0. | 0. | 0. |
| | AREA | 2,386. | 1,038. | 16,748. |
| | TOTAL | 2,386. | 1,038. | 16,748. |
| 13 IDAHO CO | POINT | 360. | 582. | 3,053. |
| | AREA | 14,467. | 3,352. | 84,238. |
| | TOTAL | 14,827. | 3,934. | 87,291. |
| 13 JEFFERSON CO | POINT | 0. | 0. | 0. |
| | AREA | 3,322. | 1,435. | 21,084. |
| | TOTAL | 3,322. | 1,435. | 21,084. |
| 13 JEROME CO | POINT | 0. | 0. | 0. |
| | AREA | 3,519. | 1,273. | 18,732. |
| | TOTAL | 3,519. | 1,273. | 18,732. |
| 13 KOOTENAI CO | POINT | 461. | 1,441. | 2,365. |
| | AREA | 5,808. | 3,989. | 28,029. |
| | TOTAL | 6,269. | 5,430. | 30,394. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 13 LATAH CO | POINT | 295. | 493. | 2,461. |
| | AREA | 3,947. | 2,230. | 23,530. |
| | TOTAL | 4,242. | 2,723. | 25,991. |
| 13 LEMHI CO | POINT | 91. | 50. | 991. |
| | AREA | 9,981. | 2,005. | 60,206. |
| | TOTAL | 10,072. | 2,055. | 61,197. |
| 13 LEWIS CO | POINT | 212. | 348. | 1,785. |
| | AREA | 1,226. | 616. | 6,803. |
| | TOTAL | 1,438. | 964. | 8,588. |
| 13 LINCOLN CO | POINT | 0. | 0. | 0. |
| | AREA | 2,249. | 627. | 13,835. |
| | TOTAL | 2,249. | 627. | 13,835. |
| 13 MADISON CO | POINT | 61. | 5. | 728. |
| | AREA | 2,274. | 1,147. | 15,142. |
| | TOTAL | 2,335. | 1,152. | 15,870. |
| 13 MINIDOKA CO | POINT | 9. | 502. | 38. |
| | AREA | 3,508. | 1,717. | 25,036. |
| | TOTAL | 3,517. | 2,219. | 25,074. |
| 13 NEZ PERCE CO | POINT | 717. | 4,716. | 8,847. |
| | AREA | 5,269. | 2,533. | 26,607. |
| | TOTAL | 5,986. | 7,249. | 35,454. |
| 13 ONEIDA CO | POINT | 0. | 0. | 0. |
| | AREA | 2,191. | 608. | 13,340. |
| | TOTAL | 2,191. | 608. | 13,340. |
| 13 OWYHEE CO | POINT | 0. | 0. | 0. |
| | AREA | 12,447. | 2,733. | 72,689. |
| | TOTAL | 12,447. | 2,733. | 72,689. |
| 13 PAYETTE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,163. | 1,326. | 11,882. |
| | TOTAL | 2,163. | 1,326. | 11,882. |
| 13 POWER CO | POINT | 2,251. | 49. | 6. |
| | AREA | 3,078. | 884. | 18,565. |
| | TOTAL | 5,329. | 933. | 18,571. |
| 13 SHOSHONE CO | POINT | 73. | 37. | 890. |
| | AREA | 6,574. | 2,446. | 35,514. |
| | TOTAL | 6,647. | 2,483. | 36,404. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 13 TETON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,229. | 423. | 7,770. |
| | TOTAL | 1,229. | 423. | 7,770. |
| 13 TWIN FALLS CO | POINT | 16. | 655. | 43. |
| | AREA | 9,132. | 3,990. | 63,209. |
| | TOTAL | 9,148. | 4,645. | 63,252. |
| 13 VALLEY CO | POINT | 173. | 272. | 1,482. |
| | AREA | 12,595. | 2,415. | 72,699. |
| | TOTAL | 12,768. | 2,687. | 74,181. |
| 13 WASHINGTON CO | POINT | 0. | 0. | 0. |
| | AREA | 3,206. | 1,124. | 19,047. |
| | TOTAL | 3,206. | 1,124. | 19,047. |
| 14 ADAMS CO | POINT | 359. | 365. | 9. |
| | AREA | 8,444. | 3,154. | 26,683. |
| | TOTAL | 8,803. | 3,519. | 26,692. |
| 14 ALEXANDER CO | POINT | 120. | 3. | 0. |
| | AREA | 2,664. | 757. | 8,431. |
| | TOTAL | 2,784. | 760. | 8,431. |
| 14 BOND CO | POINT | 0. | 0. | 0. |
| | AREA | 2,144. | 1,568. | 12,935. |
| | TOTAL | 2,144. | 1,568. | 12,935. |
| 14 BOONE CO | POINT | 191. | 93. | 12. |
| | AREA | 4,217. | 1,847. | 16,021. |
| | TOTAL | 4,408. | 1,940. | 16,033. |
| 14 BROWN CO | POINT | 0. | 0. | 0. |
| | AREA | 471. | 375. | 2,676. |
| | TOTAL | 471. | 375. | 2,676. |
| 14 BUREAU CO | POINT | 120. | 20. | 1. |
| | AREA | 4,599. | 2,921. | 23,771. |
| | TOTAL | 4,719. | 2,941. | 23,772. |
| 14 CALHOUN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,234. | 475. | 4,920. |
| | TOTAL | 1,234. | 475. | 4,920. |
| 14 CARROLL CO | POINT | 0. | 0. | 0. |
| | AREA | 2,007. | 1,216. | 9,620. |
| | TOTAL | 2,007. | 1,216. | 9,620. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 14 CASS CO | POINT | 3. | 83. | 19. |
| | AREA | 1,705. | 1,042. | 8,247. |
| | TOTAL | 1,708. | 1,125. | 8,266. |
| 14 CHAMPAIGN CO | POINT | 562. | 1,446. | 35. |
| | AREA | 13,124. | 7,477. | 71,212. |
| | TOTAL | 13,686. | 8,923. | 71,247. |
| 14 CHRISTIAN CO | POINT | 127. | 106. | 1. |
| | AREA | 3,175. | 1,917. | 15,740. |
| | TOTAL | 3,302. | 2,023. | 15,741. |
| 14 CLARK CO | POINT | 0. | 0. | 2,394. |
| | AREA | 2,435. | 1,486. | 13,250. |
| | TOTAL | 2,435. | 1,486. | 15,644. |
| 14 CLAY CO | POINT | 67. | 0. | 0. |
| | AREA | 1,512. | 915. | 7,132. |
| | TOTAL | 1,579. | 915. | 7,132. |
| 14 CLINTON CO | POINT | 18. | 203. | 57. |
| | AREA | 2,262. | 1,675. | 12,102. |
| | TOTAL | 2,280. | 1,878. | 12,159. |
| 14 COLES CO | POINT | 6,558. | 193. | 8. |
| | AREA | 5,674. | 2,401. | 22,735. |
| | TOTAL | 12,232. | 2,594. | 22,743. |
| 14 COOK CO | POINT | 72,831. | 43,025. | 90,376. |
| | AREA | 516,182. | 188,531. | 1,941,964. |
| | TOTAL | 589,013. | 231,556. | 2,032,340. |
| 14 CRAWFORD CO | POINT | 1,692. | 1,347. | 81. |
| | AREA | 1,872. | 1,143. | 8,237. |
| | TOTAL | 3,564. | 2,490. | 8,318. |
| 14 CUMBERLAND CO | POINT | 0. | 0. | 0. |
| | AREA | 1,348. | 1,153. | 7,282. |
| | TOTAL | 1,348. | 1,153. | 7,282. |
| 14 DE KALB CO | POINT | 308. | 90. | 0. |
| | AREA | 6,493. | 3,196. | 27,641. |
| | TOTAL | 6,801. | 3,286. | 27,641. |
| 14 DE WITT CO | POINT | 219. | 0. | 0. |
| | AREA | 1,731. | 1,106. | 8,451. |
| | TOTAL | 1,950. | 1,106. | 8,451. |

|  | TYPE OF |  | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 14 DOUGLAS CO | POINT | 32. | 2,002. | 109. |
|  | AREA | 1,968. | 1,459. | 11,164. |
|  | TOTAL | 2,000. | 3,461. | 11,273. |
| 14 DU PAGE CO | POINT | 1,293. | 1,068. | 21. |
|  | AREA | 53,879. | 21,193. | 217,272. |
|  | TOTAL | 55,172. | 22,261. | 217,293. |
| 14 EDGAR CO | POINT | 96. | 264. | 26. |
|  | AREA | 2,442. | 1,410. | 12,064. |
|  | TOTAL | 2,538. | 1,674. | 12,090. |
| 14 EDWARDS CO | POINT | 135. | 0. | 0. |
|  | AREA | 1,161. | 581. | 3,252. |
|  | TOTAL | 1,296. | 581. | 3,252. |
| 14 EFFINGHAM CO | POINT | 1,934. | 26. | 0. |
|  | AREA | 4,252. | 2,366. | 19,006. |
|  | TOTAL | 6,186. | 2,392. | 19,006. |
| 14 FAYETTE CO | POINT | 24. | 51. | 116. |
|  | AREA | 2,717. | 1,805. | 14,510. |
|  | TOTAL | 2,741. | 1,856. | 14,626. |
| 14 FORD CO | POINT | 0. | 40. | 5. |
|  | AREA | 1,669. | 1,129. | 9,629. |
|  | TOTAL | 1,669. | 1,169. | 9,634. |
| 14 FRANKLIN CO | POINT | 0. | 77. | 10. |
|  | AREA | 3,164. | 1,887. | 16,427. |
|  | TOTAL | 3,164. | 1,964. | 16,437. |
| 14 FULTON CO | POINT | 367. | 9,017. | 626. |
|  | AREA | 3,429. | 2,497. | 19,693. |
|  | TOTAL | 3,796. | 11,514. | 20,319. |
| 14 GALLATIN CO | POINT | 0. | 0. | 0. |
|  | AREA | 604. | 463. | 2,690. |
|  | TOTAL | 604. | 463. | 2,690. |
| 14 GREENE CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,572. | 1,140. | 8,785. |
|  | TOTAL | 1,572. | 1,140. | 8,785. |
| 14 GRUNDY CO | POINT | 1,565. | 2,909. | 14,767. |
|  | AREA | 3,956. | 2,220. | 17,267. |
|  | TOTAL | 5,521. | 5,129. | 32,034. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 14 HAMILTON CO | POINT | 0. | 0. | 0. |
| | AREA | 852. | 588. | 5,096. |
| | TOTAL | 852. | 588. | 5,096. |
| 14 HANCOCK CO | POINT | 0. | 0. | 0. |
| | AREA | 2,312. | 1,588. | 12,391. |
| | TOTAL | 2,312. | 1,588. | 12,391. |
| 14 HARDIN CO | POINT | 0. | 0. | 0. |
| | AREA | 289. | 295. | 1,421. |
| | TOTAL | 289. | 295. | 1,421. |
| 14 HENDERSON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,212. | 693. | 5,663. |
| | TOTAL | 1,212. | 693. | 5,663. |
| 14 HENRY CO | POINT | 12. | 1,891. | 386. |
| | AREA | 6,151. | 3,594. | 32,268. |
| | TOTAL | 6,163. | 5,485. | 32,654. |
| 14 IROQUOIS CO | POINT | 6. | 0. | 0. |
| | AREA | 4,161. | 2,966. | 20,429. |
| | TOTAL | 4,167. | 2,966. | 20,429. |
| 14 JACKSON CO | POINT | 2,314. | 3,951. | 266. |
| | AREA | 4,452. | 2,449. | 22,394. |
| | TOTAL | 6,766. | 6,400. | 22,660. |
| 14 J. PER CO | POINT | 227. | 4,759. | 758. |
| | AREA | 1,203. | 748. | 6,190. |
| | TOTAL | 1,430. | 5,507. | 6,948. |
| 14 JEFFERSON CO | POINT | 85. | 224. | 5. |
| | AREA | 4,522. | 1,994. | 17,785. |
| | TOTAL | 4,607. | 2,218. | 17,790. |
| 14 JERSEY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,829. | 1,093. | 9,221. |
| | TOTAL | 1,829. | 1,093. | 9,221. |
| 14 JO DAVIESS CO | POINT | 86. | 33. | 249. |
| | AREA | 2,567. | 1,375. | 11,197. |
| | TOTAL | 2,653. | 1,408. | 11,446. |
| 14 JOHNSON CO | POINT | 0. | 21. | 3. |
| | AREA | 697. | 563. | 3,322. |
| | TOTAL | 697. | 584. | 3,325. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 14 KANE CO | POINT | 3,082. | 285. | 16. |
| | AREA | 30,675. | 12,357. | 102,448. |
| | TOTAL | 33,757. | 12,642. | 102,464. |
| 14 KANKAKEE CO | POINT | 3,867. | 1,076. | 68. |
| | AREA | 9,790. | 4,892. | 38,382. |
| | TOTAL | 13,657. | 5,968. | 38,450. |
| 14 KENDALL CO | POINT | 829. | 1,756. | 220. |
| | AREA | 4,376. | 1,549. | 11,351. |
| | TOTAL | 5,205. | 3,305. | 11,571. |
| 14 KNOX CO | POINT | 2,296. | 519. | 0. |
| | AREA | 7,993. | 3,250. | 29,339. |
| | TOTAL | 10,289. | 3,769. | 29,339. |
| 14 LAKE CO | POINT | 593. | 9,852. | 307. |
| | AREA | 36,764. | 15,645. | 150,379. |
| | TOTAL | 37,357. | 25,497. | 150,686. |
| 14 LA SALLE CO | POINT | 2,974. | 3,183. | 99. |
| | AREA | 11,441. | 5,876. | 54,083. |
| | TOTAL | 14,415. | 9,059. | 54,182. |
| 14 LAWRENCE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,630. | 1,402. | 8,294. |
| | TOTAL | 1,630. | 1,402. | 8,294. |
| 14 LEE CO | POINT | 361. | 292. | 5. |
| | AREA | 3,942. | 2,184. | 18,092. |
| | TOTAL | 4,303. | 2,476. | 18,097. |
| 14 LIVINGSTON CO | POINT | 6,254. | 201. | 30. |
| | AREA | 4,835. | 2,834. | 23,003. |
| | TOTAL | 11,089. | 3,035. | 23,033. |
| 14 LOGAN CO | POINT | 3. | 120. | 17. |
| | AREA | 3,742. | 2,220. | 19,279. |
| | TOTAL | 3,745. | 2,340. | 19,296. |
| 14 MC DONOUGH CO | POINT | 0. | 19. | 0. |
| | AREA | 3,321. | 1,858. | 15,832. |
| | TOTAL | 3,321. | 1,877. | 15,832. |
| 14 MC HENRY CO | POINT | 553. | 386. | 45. |
| | AREA | 13,071. | 5,718. | 39,404. |
| | TOTAL | 13,624. | 6,104. | 39,449. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 14 MC LEAN CO | POINT | 1,083. | 150. | 0. |
| | AREA | 11,817. | 6,544. | 59,165. |
| | TOTAL | 12,900. | 6,694. | 59,165. |
| 14 MACON CO | POINT | 4,438. | 875. | 23. |
| | AREA | 10,358. | 5,658. | 51,438. |
| | TOTAL | 14,796. | 6,533. | 51,461. |
| 14 MACOUPIN CO | POINT | 0. | 0. | 0. |
| | AREA | 3,591. | 2,415. | 18,268. |
| | TOTAL | 3,591. | 2,415. | 18,268. |
| 14 MADISON CO | POINT | 47,781. | 17,569. | 107,093. |
| | AREA | 24,172. | 11,969. | 122,821. |
| | TOTAL | 71,953. | 29,538. | 229,914. |
| 14 MARION CO | POINT | 49,344. | 84. | 104. |
| | AREA | 4,604. | 2,488. | 20,760. |
| | TOTAL | 53,948. | 2,572. | 20,864. |
| 14 MARSHALL CO | POINT | 4. | 6. | 0. |
| | AREA | 1,390. | 909. | 6,794. |
| | TOTAL | 1,394. | 915. | 6,794. |
| 14 MASON CO | POINT | 101. | 6,072. | 364. |
| | AREA | 2,092. | 1,193. | 10,346. |
| | TOTAL | 2,193. | 7,265. | 10,710. |
| 14 MASSAC CO | POINT | 616. | 25,831. | 1,368. |
| | AREA | 1,305. | 750. | 6,365. |
| | TOTAL | 1,921. | 26,581. | 7,733. |
| 14 MENARD CO | POINT | 0. | 0. | 0. |
| | AREA | 729. | 621. | 3,947. |
| | TOTAL | 729. | 621. | 3,947. |
| 14 MERCER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,441. | 1,164. | 8,265. |
| | TOTAL | 1,441. | 1,164. | 8,265. |
| 14 MONROE CO | POINT | 10. | 15. | 2. |
| | AREA | 1,855. | 1,178. | 10,899. |
| | TOTAL | 1,865. | 1,193. | 10,901. |
| 14 MONTGOMERY CO | POINT | 244. | 41,226. | 748. |
| | AREA | 4,226. | 2,282. | 20,477. |
| | TOTAL | 4,470. | 43,508. | 21,225. |

|  | TYPE OF |  | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 14 MORGAN CO | POINT | 159. | 761. | 77. |
|  | AREA | 4,305. | 2,019. | 18,310. |
|  | TOTAL | 4,464. | 2,780. | 18,387. |
| 14 MOULTRIE CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,357. | 897. | 6,272. |
|  | TOTAL | 1,357. | 897. | 6,272. |
| 14 OGLE CO | POINT | 2,068. | 60. | 11. |
|  | AREA | 5,010. | 2,680. | 20,980. |
|  | TOTAL | 7,078. | 2,740. | 20,991. |
| 14 PEORIA CO | POINT | 5,756. | 19,829. | 1,194. |
|  | AREA | 17,840. | 8,825. | 71,974. |
|  | TOTAL | 23,596. | 28,654. | 73,168. |
| 14 PERRY CO | POINT | 361. | 0. | 0. |
|  | AREA | 2,448. | 1,256. | 10,697. |
|  | TOTAL | 2,809. | 1,256. | 10,697. |
| 14 PIATT CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,358. | 1,112. | 7,919. |
|  | TOTAL | 1,358. | 1,112. | 7,919. |
| 14 PIKE CO | POINT | 0. | 2. | 0. |
|  | AREA | 2,403. | 1,545. | 12,689. |
|  | TOTAL | 2,403. | 1,547. | 12,689. |
| 14 POPE CO | POINT | 0. | 0. | 0. |
|  | AREA | 311. | 291. | 1,617. |
|  | TOTAL | 311. | 291. | 1,617. |
| 14 PULASKI CO | POINT | 0. | 0. | 2. |
|  | AREA | 645. | 567. | 3,003. |
|  | TOTAL | 645. | 567. | 3,005. |
| 14 PUTNAM CO | POINT | 462. | 9,164. | 60,280. |
|  | AREA | 803. | 467. | 2,967. |
|  | TOTAL | 1,265. | 9,631. | 63,247. |
| 14 RANDOLPH CO | POINT | 180. | 1,535. | 39. |
|  | AREA | 3,642. | 1,931. | 15,067. |
|  | TOTAL | 3,822. | 3,466. | 15,106. |
| 14 RICHLAND CO | POINT | 204. | 4. | 0. |
|  | AREA | 1,912. | 1,051. | 9,337. |
|  | TOTAL | 2,116. | 1,055. | 9,337. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 14 ROCK ISLAND CO | POINT | 4,101. | 662. | 1,544. |
| | AREA | 19,326. | 7,543. | 74,179. |
| | TOTAL | 23,427. | 8,205. | 75,723. |
| 14 ST CLAIR CO | POINT | 8,620. | 665. | 214. |
| | AREA | 21,541. | 11,598. | 125,068. |
| | TOTAL | 30,161. | 12,263. | 125,282. |
| 14 SALINE CO | POINT | 0. | 14. | 0. |
| | AREA | 1,979. | 1,277. | 11,112. |
| | TOTAL | 1,979. | 1,291. | 11,112. |
| 14 SANGAMON CO | POINT | 1,969. | 2,287. | 82. |
| | AREA | 15,022. | 7,993. | 73,979. |
| | TOTAL | 16,991. | 10,280. | 74,061. |
| 14 SCHUYLER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,003. | 728. | 6,454. |
| | TOTAL | 1,003. | 728. | 6,454. |
| 14 SCOTT CO | POINT | 0. | 0. | 0. |
| | AREA | 779. | 679. | 3,943. |
| | TOTAL | 779. | 679. | 3,943. |
| 14 SHELBY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,620. | 1,293. | 9,559. |
| | TOTAL | 1,620. | 1,293. | 9,559. |
| 14 STARK CO | POINT | 0. | 0. | 0. |
| | AREA | 550. | 517. | 2,931. |
| | TOTAL | 550. | 517. | 2,931. |
| 14 STEPHENSON CO | POINT | 121. | 0. | 0. |
| | AREA | 7,188. | 2,228. | 18,438. |
| | TOTAL | 7,309. | 2,228. | 18,438. |
| 14 TAZEWELL CO | POINT | 1,245. | 66,496. | 1,315. |
| | AREA | 13,158. | 5,679. | 53,521. |
| | TOTAL | 14,403. | 72,175. | 54,836. |
| 14 UNION CO | POINT | 31. | 0. | 0. |
| | AREA | 1,748. | 1,074. | 8,617. |
| | TOTAL | 1,779. | 1,074. | 8,617. |
| 14 VERMILION CO | POINT | 507. | 1,660. | 92. |
| | AREA | 12,028. | 5,061. | 41,149. |
| | TOTAL | 12,535. | 6,721. | 41,241. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 14 WABASH CO | POINT | 0. | 2. | 0. |
| | AREA | 1,530. | 683. | 6,194. |
| | TOTAL | 1,530. | 685. | 6,194. |
| 14 WARREN CO | POINT | 0. | 0. | 0. |
| | AREA | 2,069. | 1,406. | 11,774. |
| | TOTAL | 2,069. | 1,406. | 11,774. |
| 14 WASHINGTON CO | POINT | 58. | 7. | 0. |
| | AREA | 1,407. | 1,075. | 8,409. |
| | TOTAL | 1,465. | 1,082. | 8,409. |
| 14 WAYNE CO | POINT | 7. | 95. | 28. |
| | AREA | 1,809. | 995. | 8,409. |
| | TOTAL | 1,816. | 1,090. | 8,437. |
| 14 WHITE CO | POINT | 2. | 27. | 6. |
| | AREA | 1,732. | 1,176. | 9,315. |
| | TOTAL | 1,734. | 1,203. | 9,321. |
| 14 WHITESIDE CO | POINT | 98. | 35. | 6,208. |
| | AREA | 6,411. | 3,162. | 25,945. |
| | TOTAL | 6,509. | 3,197. | 32,153. |
| 14 WILL CO | POINT | 23,697. | 53,387. | 5,361. |
| | AREA | 27,712. | 13,704. | 120,274. |
| | TOTAL | 51,409. | 67,091. | 125,635. |
| 14 WILLIAMSON CO | POINT | 300. | 3,869. | 166. |
| | AREA | 5,411. | 2,568. | 25,691. |
| | TOTAL | 5,711. | 6,437. | 25,857. |
| 14 WINNEBAGO CO | POINT | 3,281. | 649. | 443. |
| | AREA | 30,417. | 10,336. | 96,789. |
| | TOTAL | 33,698. | 10,985. | 97,232. |
| 14 WOODFORD CO | POINT | 102. | 0. | 0. |
| | AREA | 4,365. | 3,620. | 21,006. |
| | TOTAL | 4,467. | 3,620. | 21,006. |
| 15 ADAMS CO | POINT | 238. | 149. | 92. |
| | AREA | 3,686. | 1,910. | 12,448. |
| | TOTAL | 3,924. | 2,059. | 12,540. |
| 15 ALLEN CO | POINT | 7,305. | 2,032. | 815. |
| | AREA | 31,587. | 15,639. | 115,177. |
| | TOTAL | 38,892. | 17,671. | 115,992. |

| | | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| STATE AND COUNTY | TYPE OF EMISSIONS | HC | NOX | CO |
| 15 BARTHOLOMEW CO | POINT | 351. | 957. | 481. |
| | AREA | 10,927. | 4,026. | 28,239. |
| | TOTAL | 11,278. | 4,983. | 28,720. |
| 15 BENTON CO | POINT | 244. | 142. | 18. |
| | AREA | 1,170. | 1,101. | 6,115. |
| | TOTAL | 1,414. | 1,243. | 6,133. |
| 15 BLACKFORD CO | POINT | 6,567. | 32. | 3. |
| | AREA | 1,892. | 1,277. | 8,113. |
| | TOTAL | 8,459. | 1,309. | 8,116. |
| 15 BOONE CO | POINT | 1,072. | 2,204. | 278. |
| | AREA | 3,024. | 2,258. | 14,576. |
| | TOTAL | 4,096. | 4,462. | 14,854. |
| 15 BROWN CO | POINT | 0. | 0. | 0. |
| | AREA | 502. | 485. | 2,304. |
| | TOTAL | 502. | 485. | 2,304. |
| 15 CARROLL CO | POINT | 114. | 0. | 0. |
| | AREA | 2,317. | 1,483. | 8,953. |
| | TOTAL | 2,431. | 1,483. | 8,953. |
| 15 CASS CO | POINT | 180. | 911. | 79. |
| | AREA | 4,900. | 3,245. | 21,381. |
| | TOTAL | 5,080. | 4,156. | 21,460. |
| 15 CLARK CO | POINT | 4,461. | 747. | 99. |
| | AREA | 8,627. | 4,355. | 36,285. |
| | TOTAL | 13,088. | 5,102. | 36,384. |
| 15 CLAY CO | POINT | 9. | 110. | 0. |
| | AREA | 2,582. | 2,000. | 12,873. |
| | TOTAL | 2,591. | 2,110. | 12,873. |
| 15 CLINTON CO | POINT | 800. | 145. | 6. |
| | AREA | 3,604. | 2,678. | 16,900. |
| | TOTAL | 4,404. | 2,823. | 16,906. |
| 15 CRAWFORD CO | POINT | 0. | 0. | 0. |
| | AREA | 739. | 648. | 3,754. |
| | TOTAL | 739. | 648. | 3,754. |
| 15 DAVIESS CO | POINT | 414. | 11. | 1. |
| | AREA | 2,973. | 1,808. | 14,344. |
| | TOTAL | 3,387. | 1,819. | 14,345. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 15 DEARBORN CO | POINT | 7,169. | 37,632. | 1,540. |
| | AREA | 2,710. | 2,051. | 14,792. |
| | TOTAL | 9,879. | 39,683. | 16,332. |
| 15 DECATUR CO | POINT | 1,033. | 8. | 1. |
| | AREA | 3,212. | 1,649. | 10,965. |
| | TOTAL | 4,245. | 1,657. | 10,966. |
| 15 DE KALB CO | POINT | 0. | 21. | 230. |
| | AREA | 4,979. | 2,580. | 15,713. |
| | TOTAL | 4,979. | 2,601. | 15,943. |
| 15 DELAWARE CO | POINT | 626. | 544. | 2,028. |
| | AREA | 14,567. | 7,321. | 62,940. |
| | TOTAL | 15,193. | 7,865. | 64,968. |
| 15 DUBOIS CO | POINT | 3,785. | 2,487. | 589. |
| | AREA | 4,541. | 2,383. | 15,890. |
| | TOTAL | 8,326. | 4,870. | 16,479. |
| 15 ELKHART CO | POINT | 3,513. | 132. | 47. |
| | AREA | 23,327. | 9,534. | 66,975. |
| | TOTAL | 26,840. | 9,666. | 67,022. |
| 15 FAYETTE CO | POINT | 2,389. | 52. | 28. |
| | AREA | 4,200. | 1,718. | 13,585. |
| | TOTAL | 6,589. | 1,770. | 13,613. |
| 15 FLOYD CO | POINT | 555. | 13,882. | 886. |
| | AREA | 5,432. | 2,938. | 25,592. |
| | TOTAL | 5,987. | 16,820. | 26,478. |
| 15 FOUNTAIN CO | POINT | 0. | 2. | 79. |
| | AREA | 2,537. | 1,739. | 10,639. |
| | TOTAL | 2,537. | 1,741. | 10,718. |
| 15 FRANKLIN CO | POINT | 25. | 6. | 0. |
| | AREA | 1,657. | 1,175. | 6,668. |
| | TOTAL | 1,682. | 1,181. | 6,668. |
| 15 FULTON CO | POINT | 22. | 44. | 81. |
| | AREA | 2,627. | 1,683. | 9,844. |
| | TOTAL | 2,649. | 1,727. | 9,925. |
| 15 GIBSON CO | POINT | 918. | 13,091. | 732. |
| | AREA | 4,174. | 2,223. | 17,953. |
| | TOTAL | 5,092. | 15,314. | 18,685. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 15 GRANT CO | POINT | 1,072. | 1,924. | 744. |
| | AREA | 9,704. | 5,064. | 37,023. |
| | TOTAL | 10,776. | 6,988. | 37,767. |
| 15 GREENE CO | POINT | 259. | 0. | 35. |
| | AREA | 2,580. | 2,049. | 12,714. |
| | TOTAL | 2,839. | 2,049. | 12,749. |
| 15 HAMILTON CO | POINT | 4,926. | 1,313. | 1,015. |
| | AREA | 5,562. | 3,922. | 25,909. |
| | TOTAL | 10,488. | 5,235. | 26,924. |
| 15 HANCOCK CO | POINT | 747. | 112. | 85. |
| | AREA | 3,098. | 2,585. | 15,173. |
| | TOTAL | 3,845. | 2,697. | 15,258. |
| 15 HARRISON CO | POINT | 429. | 62. | 58. |
| | AREA | 2,381. | 1,916. | 10,954. |
| | TOTAL | 2,810. | 1,978. | 11,012. |
| 15 HENDRICKS CO | POINT | 774. | 94. | 13. |
| | AREA | 4,572. | 3,676. | 23,460. |
| | TOTAL | 5,346. | 3,770. | 23,473. |
| 15 HENRY CO | POINT | 58. | 297. | 288. |
| | AREA | 6,085. | 3,516. | 25,314. |
| | TOTAL | 6,143. | 3,813. | 25,602. |
| 15 HOWARD CO | POINT | 3,567. | 584. | 4,496. |
| | AREA | 12,582. | 6,017. | 37,945. |
| | TOTAL | 16,149. | 6,601. | 42,441. |
| 15 HUNTINGTON CO | POINT | 954. | 42. | 3. |
| | AREA | 5,710. | 2,981. | 19,087. |
| | TOTAL | 6,664. | 3,023. | 19,090. |
| 15 JACKSON CO | POINT | 874. | 56. | 52. |
| | AREA | 4,500. | 2,669. | 19,330. |
| | TOTAL | 5,374. | 2,725. | 19,382. |
| 15 JASPER CO | POINT | 135. | 24,192. | 448. |
| | AREA | 2,952. | 1,942. | 10,011. |
| | TOTAL | 3,087. | 26,134. | 10,459. |
| 15 JAY CO | POINT | 649. | 3,429. | 1,313. |
| | AREA | 3,677. | 2,323. | 14,272. |
| | TOTAL | 4,326. | 5,752. | 15,585. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 15 JEFFERSON CO | POINT | 811. | 60,828. | 2,071. |
| | AREA | 2,299. | 1,531. | 11,468. |
| | TOTAL | 3,110. | 62,359. | 13,539. |
| 15 JENNINGS CO | POINT | 2. | 176. | 12. |
| | AREA | 2,249. | 1,375. | 8,558. |
| | TOTAL | 2,251. | 1,551. | 8,570. |
| 15 JOHNSON CO | POINT | 2,862. | 85. | 27. |
| | AREA | 6,346. | 3,736. | 28,549. |
| | TOTAL | 9,208. | 3,821. | 28,576. |
| 15 KNOX CO | POINT | 107. | 2,453. | 144. |
| | AREA | 4,272. | 2,888. | 21,083. |
| | TOTAL | 4,379. | 5,341. | 21,227. |
| 15 KOSCIUSKO CO | POINT | 22,254. | 88. | 615. |
| | AREA | 9,037. | 4,518. | 30,424. |
| | TOTAL | 31,291. | 4,606. | 31,039. |
| 15 LAGRANGE CO | POINT | 106. | 155. | 0. |
| | AREA | 2,734. | 1,649. | 8,820. |
| | TOTAL | 2,840. | 1,804. | 8,820. |
| 15 LAKE CO | POINT | 33,637. | 168,562. | 305,699. |
| | AREA | 39,938. | 21,968. | 195,955. |
| | TOTAL | 73,575. | 190,530. | 501,654. |
| 15 LA PORTE CO | POINT | 2,868. | 46,007. | 4,429. |
| | AREA | 13,207. | 6,156. | 44,404. |
| | TOTAL | 16,075. | 52,163. | 48,833. |
| 15 LAWRENCE CO | POINT | 154. | 438. | 0. |
| | AREA | 4,299. | 3,151. | 20,200. |
| | TOTAL | 4,453. | 3,589. | 20,200. |
| 15 MADISON CO | POINT | 1,486. | 1,928. | 331. |
| | AREA | 17,271. | 7,829. | 67,972. |
| | TOTAL | 18,757. | 9,757. | 68,303. |
| 15 MARION CO | POINT | 5,443. | 20,800. | 53,352. |
| | AREA | 75,551. | 37,139. | 310,967. |
| | TOTAL | 80,994. | 57,939. | 364,319. |
| 15 MARSHALL CO | POINT | 757. | 52. | 311. |
| | AREA | 5,304. | 3,132. | 19,653. |
| | TOTAL | 6,061. | 3,184. | 19,964. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 15 MARTIN CO | POINT | 5. | 156. | 32. |
| | AREA | 961. | 742. | 4,512. |
| | TOTAL | 966. | 898. | 4,544. |
| 15 MIAMI CO | POINT | 15. | 1,482. | 786. |
| | AREA | 5,215. | 2,738. | 18,893. |
| | TOTAL | 5,230. | 4,220. | 19,679. |
| 15 MONROE CO | POINT | 731. | 749. | 96. |
| | AREA | 8,615. | 5,224. | 34,361. |
| | TOTAL | 9,346. | 5,973. | 34,457. |
| 15 MONTGOMERY CO | POINT | 590. | 612. | 77. |
| | AREA | 3,977. | 2,631. | 17,712. |
| | TOTAL | 4,567. | 3,243. | 17,789. |
| 15 MORGAN CO | POINT | 149. | 6,522. | 386. |
| | AREA | 3,861. | 2,936. | 19,880. |
| | TOTAL | 4,010. | 9,458. | 20,266. |
| 15 NEWTON CO | POINT | 160. | 0. | 0. |
| | AREA | 1,393. | 1,162. | 5,142. |
| | TOTAL | 1,553. | 1,162. | 5,142. |
| 15 NOBLE CO | POINT | 151. | 8. | 5,198. |
| | AREA | 4,120. | 2,745. | 17,218. |
| | TOTAL | 4,271. | 2,753. | 22,416. |
| 15 OHIO CO | POINT | 0. | 0. | 0. |
| | AREA | 310. | 310. | 1,564. |
| | TOTAL | 310. | 310. | 1,564. |
| 15 ORANGE CO | POINT | 150. | 2. | 1. |
| | AREA | 1,722. | 1,282. | 7,331. |
| | TOTAL | 1,872. | 1,284. | 7,332. |
| 15 OWEN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,428. | 1,026. | 5,901. |
| | TOTAL | 1,428. | 1,026. | 5,901. |
| 15 PARKE CO | POINT | 556. | 1,435. | 209. |
| | AREA | 1,392. | 1,231. | 7,119. |
| | TOTAL | 1,948. | 2,666. | 7,328. |
| 15 PERRY CO | POINT | 714. | 117. | 251. |
| | AREA | 1,809. | 1,295. | 9,286. |
| | TOTAL | 2,523. | 1,412. | 9,537. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 15 PIKE CO | POINT | 879. | 23,318. | 1,366. |
| | AREA | 1,077. | 897. | 5,876. |
| | TOTAL | 1,956. | 24,215. | 7,242. |
| 15 PORTER CO | POINT | 6,543. | 70,716. | 5,434. |
| | AREA | 7,397. | 5,056. | 38,784. |
| | TOTAL | 13,940. | 75,772. | 44,218. |
| 15 POSEY CO | POINT | 1,502. | 1,116. | 1,898. |
| | AREA | 3,750. | 1,703. | 14,024. |
| | TOTAL | 5,252. | 2,819. | 15,922. |
| 15 PULASKI CO | POINT | 0. | 0. | 0. |
| | AREA | 1,335. | 1,194. | 5,861. |
| | TOTAL | 1,335. | 1,194. | 5,861. |
| 15 PUTNAM CO | POINT | 159. | 1,562. | 8. |
| | AREA | 3,077. | 1,919. | 11,513. |
| | TOTAL | 3,236. | 3,481. | 11,521. |
| 15 RANDOLPH CO | POINT | 1,884. | 1,281. | 15. |
| | AREA | 3,854. | 2,886. | 17,586. |
| | TOTAL | 5,738. | 4,167. | 17,601. |
| 15 RIPLEY CO | POINT | 2,975. | 14. | 19. |
| | AREA | 2,963. | 1,919. | 10,962. |
| | TOTAL | 5,938. | 1,933. | 10,981. |
| 15 RUSH CO | POINT | 0. | 14. | 951. |
| | AREA | 2,051. | 1,580. | 10,092. |
| | TOTAL | 2,051. | 1,594. | 11,043. |
| 15 ST JOSEPH CO | POINT | 3,368. | 2,687. | 1,617. |
| | AREA | 28,275. | 12,176. | 93,172. |
| | TOTAL | 31,643. | 14,863. | 94,789. |
| 15 SCOTT CO | POINT | 400. | 32. | 1. |
| | AREA | 1,789. | 1,280. | 9,249. |
| | TOTAL | 2,189. | 1,312. | 9,250. |
| 15 SHELBY CO | POINT | 273. | 2,974. | 183. |
| | AREA | 4,147. | 2,936. | 17,135. |
| | TOTAL | 4,420. | 5,910. | 17,318. |
| 15 SPENCER CO | POINT | 804. | 31. | 177. |
| | AREA | 1,610. | 1,457. | 7,782. |
| | TOTAL | 2,414. | 1,488. | 7,959. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 15 STARKE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,188. | 1,437. | 8,868. |
| | TOTAL | 2,188. | 1,437. | 8,868. |
| 15 STEUBEN CO | POINT | 8. | 0. | 0. |
| | AREA | 4,434. | 1,839. | 14,907. |
| | TOTAL | 4,442. | 1,839. | 14,907. |
| 15 SULLIVAN CO | POINT | 150. | 27,617. | 502. |
| | AREA | 2,008. | 1,600. | 10,256. |
| | TOTAL | 2,158. | 29,217. | 10,758. |
| 15 SWITZERLAND CO | POINT | 0. | 0. | 0. |
| | AREA | 669. | 510. | 2,887. |
| | TOTAL | 669. | 510. | 2,887. |
| 15 TIPPECANOE CO | POINT | 1,173. | 2,659. | 285. |
| | AREA | 10,612. | 6,355. | 48,393. |
| | TOTAL | 11,785. | 9,014. | 48,678. |
| 15 TIPTON CO | POINT | 11. | 3. | 0. |
| | AREA | 1,568. | 1,237. | 8,114. |
| | TOTAL | 1,579. | 1,240. | 8,114. |
| 15 UNION CO | POINT | 10. | 0. | 0. |
| | AREA | 575. | 658. | 3,245. |
| | TOTAL | 585. | 658. | 3,245. |
| 15 VANDERBURGH CO | POINT | 1,284. | 3,765. | 198. |
| | AREA | 16,560. | 10,088. | 67,871. |
| | TOTAL | 17,844. | 13,853. | 68,069. |
| 15 VERMILLION CO | POINT | 891. | 25,954. | 1,568. |
| | AREA | 1,725. | 1,305. | 7,963. |
| | TOTAL | 2,616. | 27,259. | 9,531. |
| 15 VIGO CO | POINT | 3,083. | 19,870. | 2,249. |
| | AREA | 12,769. | 6,524. | 51,976. |
| | TOTAL | 15,852. | 26,394. | 54,225. |
| 15 WABASH CO | POINT | 975. | 859. | 92. |
| | AREA | 4,567. | 2,477. | 16,951. |
| | TOTAL | 5,542. | 3,336. | 17,043. |
| 15 WARREN CO | POINT | 32. | 334. | 44. |
| | AREA | 575. | 611. | 3,268. |
| | TOTAL | 607. | 945. | 3,312. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 15 WARRICK CO | POINT | 1,980. | 29,143. | 1,732. |
| | AREA | 3,016. | 2,950. | 13,799. |
| | TOTAL | 4,996. | 32,093. | 15,531. |
| 15 WASHINGTON CO | POINT | 452. | 17. | 7. |
| | AREA | 2,659. | 1,610. | 9,588. |
| | TOTAL | 3,111. | 1,627. | 9,595. |
| 15 WAYNE CO | POINT | 2,136. | 3,626. | 1,399. |
| | AREA | 8,580. | 4,547. | 34,409. |
| | TOTAL | 10,716. | 8,173. | 35,808. |
| 15 WELLS CO | POINT | 44. | 0. | 1,196. |
| | AREA | 2,634. | 2,305. | 12,330. |
| | TOTAL | 2,678. | 2,305. | 13,526. |
| 15 WHITE CO | POINT | 1,099. | 46. | 16. |
| | AREA | 3,022. | 1,992. | 12,742. |
| | TOTAL | 4,121. | 2,038. | 12,758. |
| 15 WHITLEY CO | POINT | 118. | 0. | 0. |
| | AREA | 3,559. | 2,290. | 14,238. |
| | TOTAL | 3,677. | 2,290. | 14,238. |
| 16 ADAIR CO | POINT | 0. | 0. | 0. |
| | AREA | 1,451. | 1,094. | 8,328. |
| | TOTAL | 1,451. | 1,094. | 8,328. |
| 16 ADAMS CO | POINT | 0. | 0. | 0. |
| | AREA | 704. | 516. | 4,425. |
| | TOTAL | 704. | 516. | 4,425. |
| 16 ALLAMAKEE CO | POINT | 20. | 2,152. | 70. |
| | AREA | 1,998. | 825. | 7,465. |
| | TOTAL | 2,018. | 2,977. | 7,535. |
| 16 APPANOOSE CO | POINT | 22. | 45. | 373. |
| | AREA | 1,815. | 962. | 6,694. |
| | TOTAL | 1,837. | 1,007. | 7,067. |
| 16 AUDUBON CO | POINT | 0. | 2. | 0. |
| | AREA | 729. | 645. | 4,691. |
| | TOTAL | 729. | 647. | 4,691. |
| 16 BENTON CO | POINT | 0. | 16. | 1. |
| | AREA | 2,160. | 1,564. | 12,415. |
| | TOTAL | 2,160. | 1,580. | 12,416. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS |  | * |
|---|---|---|---|---|
|  |  | HC | NOX | CO |
| 16 BLACK HAWK CO | POINT | 149. | 2,723. | 18,114. |
|  | AREA | 14,725. | 6,945. | 68,227. |
|  | TOTAL | 14,874. | 9,668. | 86,341. |
| 16 BOONE CO | POINT | 21. | 324. | 276. |
|  | AREA | 2,276. | 1,463. | 12,669. |
|  | TOTAL | 2,297. | 1,787. | 12,945. |
| 16 BREMER CO | POINT | 9. | 91. | 24. |
|  | AREA | 2,065. | 1,383. | 10,240. |
|  | TOTAL | 2,074. | 1,474. | 10,264. |
| 16 BUCHANAN CO | POINT | 7. | 74. | 19. |
|  | AREA | 1,846. | 1,370. | 10,098. |
|  | TOTAL | 1,853. | 1,444. | 10,117. |
| 16 BUENA VISTA CO | POINT | 1. | 88. | 4. |
|  | AREA | 2,010. | 1,298. | 10,403. |
|  | TOTAL | 2,011. | 1,386. | 10,407. |
| 16 BUTLER CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,259. | 1,143. | 7,148. |
|  | TOTAL | 1,259. | 1,143. | 7,148. |
| 16 CALHOUN CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,141. | 963. | 6,392. |
|  | TOTAL | 1,141. | 963. | 6,392. |
| 16 CARROLL CO | POINT | 1. | 54. | 2. |
|  | AREA | 1,996. | 1,400. | 10,211. |
|  | TOTAL | 1,997. | 1,454. | 10,213. |
| 16 CASS CO | POINT | 0. | 28. | 1. |
|  | AREA | 2,196. | 1,485. | 12,998. |
|  | TOTAL | 2,196. | 1,513. | 12,999. |
| 16 CEDAR CO | POINT | 0. | 27. | 169. |
|  | AREA | 2,140. | 1,733. | 12,074. |
|  | TOTAL | 2,140. | 1,760. | 12,243. |
| 16 CERRO GORDO CO | POINT | 2. | 1,651. | 7. |
|  | AREA | 4,735. | 2,703. | 26,190. |
|  | TOTAL | 4,737. | 4,354. | 26,197. |
| 16 CHEROKEE CO | POINT | 1. | 126. | 10. |
|  | AREA | 1,489. | 1,057. | 8,251. |
|  | TOTAL | 1,490. | 1,183. | 8,261. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 16 CHICKASAW CO | POINT | 6. | 91. | 18. |
| | AREA | 1,413. | 1,024. | 7,422. |
| | TOTAL | 1,419. | 1,115. | 7,440. |
| 16 CLARKE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,099. | 716. | 6,428. |
| | TOTAL | 1,099. | 716. | 6,428. |
| 16 CLAY CO | POINT | 39. | 740. | 22. |
| | AREA | 2,124. | 1,172. | 10,178. |
| | TOTAL | 2,163. | 1,912. | 10,200. |
| 16 CLAYTON CO | POINT | 1. | 13. | 3. |
| | AREA | 2,062. | 1,389. | 9,972. |
| | TOTAL | 2,063. | 1,402. | 9,975. |
| 16 CLINTON CO | POINT | 652. | 25,639. | 746. |
| | AREA | 7,842. | 2,816. | 27,242. |
| | TOTAL | 8,494. | 28,455. | 27,988. |
| 16 CRAWFORD CO | POINT | 0. | 4. | 4. |
| | AREA | 1,718. | 1,207. | 9,508. |
| | TOTAL | 1,718. | 1,211. | 9,512. |
| 16 DALLAS CO | POINT | 4. | 84. | 222. |
| | AREA | 2,873. | 2,088. | 14,604. |
| | TOTAL | 2,877. | 2,172. | 14,826. |
| 16 DAVIS CO | POINT | 0. | 0. | 243. |
| | AREA | 1,008. | 769. | 6,026. |
| | TOTAL | 1,008. | 769. | 6,269. |
| 16 DECATUR CO | POINT | 0. | 0. | 0. |
| | AREA | 919. | 737. | 5,410. |
| | TOTAL | 919. | 737. | 5,410. |
| 16 DELAWARE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,680. | 1,177. | 9,270. |
| | TOTAL | 1,680. | 1,177. | 9,270. |
| 16 DES MOINES CO | POINT | 102. | 5,333. | 506. |
| | AREA | 6,117. | 2,488. | 22,046. |
| | TOTAL | 6,219. | 7,821. | 22,552. |
| 16 DICKINSON CO | POINT | 1. | 4. | 0. |
| | AREA | 2,187. | 977. | 8,702. |
| | TOTAL | 2,188. | 981. | 8,702. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 16 DUBUQUE CO | POINT | 315. | 2,494. | 4,162. |
| | AREA | 9,661. | 4,619. | 40,434. |
| | TOTAL | 9,976. | 7,113. | 44,596. |
| 16 EMMET CO | POINT | 10. | 123. | 29. |
| | AREA | 1,513. | 823. | 6,940. |
| | TOTAL | 1,523. | 946. | 6,969. |
| 16 FAYETTE CO | POINT | 0. | 12. | 2. |
| | AREA | 2,196. | 1,540. | 11,259. |
| | TOTAL | 2,196. | 1,552. | 11,261. |
| 16 FLOYD CO | POINT | 7. | 96. | 5,188. |
| | AREA | 2,725. | 1,240. | 9,457. |
| | TOTAL | 2,732. | 1,336. | 14,645. |
| 16 FRANKLIN CO | POINT | 2. | 13. | 0. |
| | AREA | 1,691. | 1,087. | 8,832. |
| | TOTAL | 1,693. | 1,100. | 8,832. |
| 16 FREMONT CO | POINT | 0. | 0. | 0. |
| | AREA | 1,229. | 812. | 5,475. |
| | TOTAL | 1,229. | 812. | 5,475. |
| 16 GREENE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,216. | 864. | 7,029. |
| | TOTAL | 1,216. | 864. | 7,029. |
| 16 GRUNDY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,418. | 1,004. | 6,766. |
| | TOTAL | 1,418. | 1,004. | 6,766. |
| 16 GUTHRIE CO | POINT | 0. | 0. | 0. |
| | AREA | 854. | 808. | 5,112. |
| | TOTAL | 854. | 808. | 5,112. |
| 16 HAMILTON CO | POINT | 3. | 60. | 7. |
| | AREA | 2,358. | 1,485. | 12,821. |
| | TOTAL | 2,361. | 1,545. | 12,828. |
| 16 HANCOCK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,300. | 1,065. | 6,824. |
| | TOTAL | 1,300. | 1,065. | 6,824. |
| 16 HARDIN CO | POINT | 7. | 119. | 6. |
| | AREA | 1,943. | 1,336. | 9,364. |
| | TOTAL | 1,950. | 1,455. | 9,370. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS |  | * |
|---|---|---|---|---|
|  |  | HC | NOX | CO |
| 16 HARRISON CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,613. | 1,268. | 9,625. |
|  | TOTAL | 1,613. | 1,268. | 9,625. |
| 16 HENRY CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,708. | 1,059. | 7,576. |
|  | TOTAL | 1,708. | 1,059. | 7,576. |
| 16 HOWARD CO | POINT | 0. | 0. | 0. |
|  | AREA | 980. | 733. | 5,740. |
|  | TOTAL | 980. | 733. | 5,740. |
| 16 HUMBOLDT CO | POINT | 16. | 397. | 34. |
|  | AREA | 1,160. | 898. | 6,834. |
|  | TOTAL | 1,176. | 1,295. | 6,868. |
| 16 IDA CO | POINT | 0. | 0. | 0. |
|  | AREA | 861. | 655. | 4,213. |
|  | TOTAL | 861. | 655. | 4,213. |
| 16 IOWA CO | POINT | 1. | 15. | 11. |
|  | AREA | 2,964. | 1,601. | 9,600. |
|  | TOTAL | 2,965. | 1,616. | 9,611. |
| 16 JACKSON CO | POINT | 21. | 25. | 983. |
|  | AREA | 1,901. | 1,280. | 9,616. |
|  | TOTAL | 1,922. | 1,305. | 10,599. |
| 16 JASPER CO | POINT | 4. | 87. | 117. |
|  | AREA | 4,197. | 2,519. | 22,218. |
|  | TOTAL | 4,201. | 2,606. | 22,335. |
| 16 JEFFERSON CO | POINT | 0. | 8. | 956. |
|  | AREA | 1,826. | 852. | 7,096. |
|  | TOTAL | 1,826. | 860. | 8,052. |
| 16 JOHNSON CO | POINT | 74. | 1,005. | 66. |
|  | AREA | 8,034. | 4,141. | 43,298. |
|  | TOTAL | 8,108. | 5,146. | 43,364. |
| 16 JONES CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,740. | 1,184. | 9,033. |
|  | TOTAL | 1,740. | 1,184. | 9,033. |
| 16 KEOKUK CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,035. | 991. | 5,939. |
|  | TOTAL | 1,035. | 991. | 5,939. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 16 KOSSUTH CO | POINT | 1,833. | 366. | 5,879. |
| | AREA | 2,182. | 1,652. | 11,648. |
| | TOTAL | 4,015. | 2,018. | 17,527. |
| 16 LEE CO | POINT | 1,526. | 1,642. | 74. |
| | AREA | 4,942. | 2,025. | 19,227. |
| | TOTAL | 6,468. | 3,667. | 19,301. |
| 16 LINN CO | POINT | 242. | 9,526. | 1,690. |
| | AREA | 20,718. | 8,444. | 85,426. |
| | TOTAL | 20,960. | 17,970. | 87,116. |
| 16 LOUISA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,241. | 771. | 5,677. |
| | TOTAL | 1,241. | 771. | 5,677. |
| 16 LUCAS CO | POINT | 0. | 0. | 0. |
| | AREA | 950. | 739. | 5,390. |
| | TOTAL | 950. | 739. | 5,390. |
| 16 LYON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,024. | 836. | 5,982. |
| | TOTAL | 1,024. | 836. | 5,982. |
| 16 MADISON CO | POINT | 0. | 0. | 0. |
| | AREA | 996. | 799. | 6,204. |
| | TOTAL | 996. | 799. | 6,204. |
| 16 MAHASKA CO | POINT | 0. | 0. | 2,054. |
| | AREA | 2,184. | 1,337. | 11,443. |
| | TOTAL | 2,184. | 1,337. | 13,497. |
| 16 MARION CO | POINT | 66. | 1,000. | 133. |
| | AREA | 3,200. | 1,477. | 12,268. |
| | TOTAL | 3,266. | 2,477. | 12,401. |
| 16 MARSHALL CO | POINT | 58. | 2,040. | 1,423. |
| | AREA | 5,041. | 2,213. | 19,028. |
| | TOTAL | 5,099. | 4,253. | 20,451. |
| 16 MILLS CO | POINT | 0. | 10. | 0. |
| | AREA | 1,258. | 879. | 7,025. |
| | TOTAL | 1,258. | 889. | 7,025. |
| 16 MITCHELL CO | POINT | 0. | 62. | 0. |
| | AREA | 951. | 810. | 5,834. |
| | TOTAL | 951. | 872. | 5,834. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS * HC | NOX | CO |
|---|---|---|---|---|
| 16 MONONA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,320. | 1,038. | 8,275. |
| | TOTAL | 1,320. | 1,038. | 8,275. |
| 16 MONROE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,103. | 675. | 5,582. |
| | TOTAL | 1,103. | 675. | 5,582. |
| 16 MONTGOMERY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,517. | 769. | 6,452. |
| | TOTAL | 1,517. | 769. | 6,452. |
| 16 MUSCATINE CO | POINT | 107. | 8,522. | 860. |
| | AREA | 5,127. | 2,029. | 16,689. |
| | TOTAL | 5,234. | 10,551. | 17,549. |
| 16 O'BRIEN CO | POINT | 0. | 36. | 4. |
| | AREA | 1,370. | 1,063. | 7,580. |
| | TOTAL | 1,370. | 1,099. | 7,584. |
| 16 OSCEOLA CO | POINT | 0. | 0. | 0. |
| | AREA | 877. | 625. | 4,815. |
| | TOTAL | 877. | 625. | 4,815. |
| 16 PAGE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,530. | 950. | 8,037. |
| | TOTAL | 1,530. | 950. | 8,037. |
| 16 PALO ALTO CO | POINT | 0. | 4. | 0. |
| | AREA | 1,194. | 878. | 7,064. |
| | TOTAL | 1,194. | 882. | 7,064. |
| 16 PLYMOUTH CO | POINT | 0. | 0. | 0. |
| | AREA | 2,039. | 1,577. | 12,290. |
| | TOTAL | 2,039. | 1,577. | 12,290. |
| 16 POCAHONTAS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,080. | 930. | 5,915. |
| | TOTAL | 1,080. | 930. | 5,915. |
| 16 POLK CO | POINT | 4,034. | 10,680. | 5,327. |
| | AREA | 39,167. | 16,557. | 184,937. |
| | TOTAL | 43,201. | 27,237. | 190,264. |
| 16 POTTAWATTAMIE CO | POINT | 159. | 3,292. | 10,419. |
| | AREA | 10,011. | 5,265. | 58,269. |
| | TOTAL | 10,170. | 8,557. | 68,688. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 16 POWESHIEK CO | POINT | 1. | 19. | 4. |
| | AREA | 2,538. | 1,471. | 11,656. |
| | TOTAL | 2,539. | 1,490. | 11,660. |
| 16 RINGGOLD CO | POINT | 0. | 0. | 0. |
| | AREA | 651. | 535. | 4,126. |
| | TOTAL | 651. | 535. | 4,126. |
| 16 SAC CO | POINT | 0. | 2. | 0. |
| | AREA | 1,566. | 1,107. | 7,941. |
| | TOTAL | 1,566. | 1,109. | 7,941. |
| 16 SCOTT CO | POINT | 449. | 6,232. | 2,186. |
| | AREA | 15,268. | 7,758. | 79,962. |
| | TOTAL | 15,717. | 13,990. | 82,148. |
| 16 SHELBY CO | POINT | 0. | 5. | 1. |
| | AREA | 1,225. | 931. | 7,581. |
| | TOTAL | 1,225. | 936. | 7,582. |
| 16 SIOUX CO | POINT | 189. | 0. | 0. |
| | AREA | 2,486. | 1,694. | 12,319. |
| | TOTAL | 2,675. | 1,694. | 12,319. |
| 16 STORY CO | POINT | 108. | 1,462. | 156. |
| | AREA | 6,063. | 3,886. | 33,397. |
| | TOTAL | 6,171. | 5,348. | 33,553. |
| 16 TAMA CO | POINT | 0. | 3. | 0. |
| | AREA | 1,636. | 1,394. | 9,086. |
| | TOTAL | 1,636. | 1,397. | 9,086. |
| 16 TAYLOR CO | POINT | 0. | 0. | 0. |
| | AREA | 660. | 548. | 3,657. |
| | TOTAL | 660. | 548. | 3,657. |
| 16 UNION CO | POINT | 5. | 107. | 12. |
| | AREA | 1,367. | 822. | 8,023. |
| | TOTAL | 1,372. | 929. | 8,035. |
| 16 VAN BUREN CO | POINT | 0. | 0. | 0. |
| | AREA | 832. | 641. | 4,268. |
| | TOTAL | 832. | 641. | 4,268. |
| 16 WAPELLO CO | POINT | 13. | 498. | 33. |
| | AREA | 3,745. | 1,902. | 17,764. |
| | TOTAL | 3,758. | 2,400. | 17,797. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 16 WARREN CO | POINT | 19. | 240. | 54. |
| | AREA | 2,361. | 1,830. | 13,020. |
| | TOTAL | 2,380. | 2,070. | 13,074. |
| 16 WASHINGTON CO | POINT | 0. | 1. | 0. |
| | AREA | 1,735. | 1,261. | 9,208. |
| | TOTAL | 1,735. | 1,262. | 9,208. |
| 16 WAYNE CO | POINT | 0. | 0. | 0. |
| | AREA | 862. | 662. | 3,925. |
| | TOTAL | 862. | 662. | 3,925. |
| 16 WEBSTER CO | POINT | 9,868. | 1,615. | 58. |
| | AREA | 4,328. | 2,559. | 22,606. |
| | TOTAL | 14,196. | 4,174. | 22,664. |
| 16 WINNEBAGO CO | POINT | 56. | 157. | 13. |
| | AREA | 2,948. | 874. | 5,567. |
| | TOTAL | 3,004. | 1,031. | 5,580. |
| 16 WINNESHIEK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,671. | 1,279. | 10,033. |
| | TOTAL | 1,671. | 1,279. | 10,033. |
| 16 WOODBURY CO | POINT | 493. | 24,528. | 1,378. |
| | AREA | 10,875. | 5,457. | 55,756. |
| | TOTAL | 11,368. | 29,985. | 57,134. |
| 16 WORTH CO | POINT | 0. | 5. | 0. |
| | AREA | 905. | 755. | 5,364. |
| | TOTAL | 905. | 760. | 5,364. |
| 16 WRIGHT CO | POINT | 1. | 87. | 6. |
| | AREA | 1,612. | 1,215. | 9,150. |
| | TOTAL | 1,613. | 1,302. | 9,156. |
| 17 ALLEN CO | POINT | 5. | 3,105. | 299. |
| | AREA | 1,735. | 1,133. | 8,210. |
| | TOTAL | 1,740. | 4,238. | 8,509. |
| 17 ANDERSON CO | POINT | 47. | 159. | 26. |
| | AREA | 900. | 754. | 4,929. |
| | TOTAL | 947. | 913. | 4,955. |
| 17 ATCHISON CO | POINT | 52. | 151. | 1. |
| | AREA | 1,756. | 1,389. | 8,159. |
| | TOTAL | 1,808. | 1,540. | 8,160. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 17 BARBER CO | POINT | 0. | 22. | 1. |
| | AREA | 631. | 575. | 3,569. |
| | TOTAL | 631. | 597. | 3,570. |
| 17 BARTON CO | POINT | 729. | 4,337. | 291. |
| | AREA | 3,256. | 2,147. | 16,175. |
| | TOTAL | 3,985. | 6,484. | 16,466. |
| 17 BOURBON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,058. | 1,409. | 12,541. |
| | TOTAL | 2,058. | 1,409. | 12,541. |
| 17 BROWN CO | POINT | 61. | 186. | 27. |
| | AREA | 1,346. | 1,063. | 6,590. |
| | TOTAL | 1,407. | 1,249. | 6,617. |
| 17 BUTLER CO | POINT | 13,655. | 8,488. | 1,399. |
| | AREA | 5,197. | 3,160. | 26,781. |
| | TOTAL | 18,852. | 11,648. | 28,180. |
| 17 CHASE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,043. | 591. | 5,305. |
| | TOTAL | 1,043. | 591. | 5,305. |
| 17 CHAUTAUQUA CO | POINT | 0. | 0. | 0. |
| | AREA | 530. | 434. | 2,758. |
| | TOTAL | 530. | 434. | 2,758. |
| 17 CHEROKEE CO | POINT | 34. | 3,482. | 134. |
| | AREA | 2,074. | 1,452. | 11,590. |
| | TOTAL | 2,108. | 4,934. | 11,724. |
| 17 CHEYENNE CO | POINT | 3. | 40. | 8. |
| | AREA | 417. | 442. | 2,467. |
| | TOTAL | 420. | 482. | 2,475. |
| 17 CLARK CO | POINT | 1. | 24. | 5. |
| | AREA | 391. | 353. | 1,977. |
| | TOTAL | 392. | 377. | 1,982. |
| 17 CLAY CO | POINT | 0. | 174. | 0. |
| | AREA | 1,407. | 903. | 6,921. |
| | TOTAL | 1,407. | 1,077. | 6,921. |
| 17 CLOUD CO | POINT | 1. | 33. | 4. |
| | AREA | 1,393. | 1,028. | 8,214. |
| | TOTAL | 1,394. | 1,061. | 8,218. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS<br>NOX | *<br>CO |
|---|---|---|---|---|
| 17 COFFEY CO | POINT | 0. | 9. | 1. |
| | AREA | 854. | 823. | 4,522. |
| | TOTAL | 854. | 832. | 4,523. |
| 17 COMANCHE CO | POINT | 35. | 173. | 48. |
| | AREA | 251. | 271. | 1,368. |
| | TOTAL | 286. | 444. | 1,416. |
| 17 COWLEY CO | POINT | 1,594. | 1,380. | 76. |
| | AREA | 3,780. | 2,169. | 18,523. |
| | TOTAL | 5,374. | 3,549. | 18,599. |
| 17 CRAWFORD CO | POINT | 0. | 1. | 0. |
| | AREA | 3,565. | 2,263. | 16,417. |
| | TOTAL | 3,565. | 2,264. | 16,417. |
| 17 DECATUR CO | POINT | 2. | 28. | 6. |
| | AREA | 479. | 482. | 2,769. |
| | TOTAL | 481. | 510. | 2,775. |
| 17 DICKINSON CO | POINT | 130. | 1,051. | 114. |
| | AREA | 2,721. | 1,821. | 14,828. |
| | TOTAL | 2,851. | 2,872. | 14,942. |
| 17 DONIPHAN CO | POINT | 0. | 0. | 0. |
| | AREA | 985. | 771. | 4,709. |
| | TOTAL | 985. | 771. | 4,709. |
| 17 DOUGLAS CO | POINT | 251. | 19,849. | 602. |
| | AREA | 6,077. | 3,577. | 30,809. |
| | TOTAL | 6,328. | 23,426. | 31,411. |
| 17 EDWARDS CO | POINT | 14. | 191. | 76. |
| | AREA | 532. | 447. | 2,411. |
| | TOTAL | 546. | 638. | 2,487. |
| 17 ELK CO | POINT | 0. | 0. | 0. |
| | AREA | 497. | 368. | 2,675. |
| | TOTAL | 497. | 368. | 2,675. |
| 17 ELLIS CO | POINT | 26. | 548. | 4. |
| | AREA | 2,569. | 1,672. | 13,754. |
| | TOTAL | 2,595. | 2,220. | 13,758. |
| 17 ELLSWORTH CO | POINT | 37. | 101. | 14. |
| | AREA | 1,274. | 854. | 5,247. |
| | TOTAL | 1,311. | 955. | 5,261. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 17 FINNEY CO | POINT | 85. | 1,264. | 564. |
| | AREA | 2,403. | 1,652. | 14,207. |
| | TOTAL | 2,488. | 2,916. | 14,771. |
| 17 FORD CO | POINT | 45. | 1,306. | 72. |
| | AREA | 2,740. | 1,845. | 15,596. |
| | TOTAL | 2,785. | 3,151. | 15,668. |
| 17 FRANKLIN CO | POINT | 160. | 1,719. | 105. |
| | AREA | 2,397. | 1,663. | 13,535. |
| | TOTAL | 2,557. | 3,382. | 13,640. |
| 17 GEARY CO | POINT | 0. | 0. | 0. |
| | AREA | 3,129. | 1,684. | 16,291. |
| | TOTAL | 3,129. | 1,684. | 16,291. |
| 17 GOVE CO | POINT | 0. | 0. | 0. |
| | AREA | 785. | 679. | 3,911. |
| | TOTAL | 785. | 679. | 3,911. |
| 17 GRAHAM CO | POINT | 1. | 1,972. | 8. |
| | AREA | 396. | 408. | 2,290. |
| | TOTAL | 397. | 2,380. | 2,298. |
| 17 GRANT CO | POINT | 468. | 3,191. | 224. |
| | AREA | 1,204. | 707. | 5,372. |
| | TOTAL | 1,672. | 3,898. | 5,596. |
| 17 GRAY CO | POINT | 0. | 0. | 0. |
| | AREA | 595. | 665. | 3,536. |
| | TOTAL | 595. | 665. | 3,536. |
| 17 GREELEY CO | POINT | 0. | 0. | 0. |
| | AREA | 302. | 290. | 1,628. |
| | TOTAL | 302. | 290. | 1,628. |
| 17 GREENWOOD CO | POINT | 0. | 0. | 0. |
| | AREA | 1,861. | 1,017. | 9,749. |
| | TOTAL | 1,861. | 1,017. | 9,749. |
| 17 HAMILTON CO | POINT | 0. | 0. | 0. |
| | AREA | 346. | 360. | 1,954. |
| | TOTAL | 346. | 360. | 1,954. |
| 17 HARPER CO | POINT | 6. | 88. | 15. |
| | AREA | 822. | 757. | 4,814. |
| | TOTAL | 828. | 845. | 4,829. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 17 HARVEY CO | POINT | 0. | 0. | 0. |
| | AREA | 3,979. | 2,185. | 17,732. |
| | TOTAL | 3,979. | 2,185. | 17,732. |
| 17 HASKELL CO | POINT | 0. | 0. | 0. |
| | AREA | 461. | 522. | 2,771. |
| | TOTAL | 461. | 522. | 2,771. |
| 17 HODGEMAN CO | POINT | 16. | 54. | 8. |
| | AREA | 345. | 355. | 2,074. |
| | TOTAL | 361. | 409. | 2,082. |
| 17 JACKSON CO | POINT | 7. | 154. | 45. |
| | AREA | 1,024. | 955. | 5,763. |
| | TOTAL | 1,031. | 1,109. | 5,808. |
| 17 JEFFERSON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,135. | 1,108. | 5,687. |
| | TOTAL | 1,135. | 1,108. | 5,687. |
| 17 JEWELL CO | POINT | 0. | 0. | 0. |
| | AREA | 757. | 689. | 4,265. |
| | TOTAL | 757. | 689. | 4,265. |
| 17 JOHNSON CO | POINT | 8. | 422. | 5. |
| | AREA | 26,690. | 14,175. | 145,869. |
| | TOTAL | 26,698. | 14,597. | 145,874. |
| 17 KEARNEY CO | POINT | 77. | 243. | 41. |
| | AREA | 487. | 386. | 2,428. |
| | TOTAL | 564. | 629. | 2,469. |
| 17 KINGMAN CO | POINT | 2. | 36. | 7. |
| | AREA | 1,226. | 924. | 7,003. |
| | TOTAL | 1,228. | 960. | 7,010. |
| 17 KIOWA CO | POINT | 240. | 829. | 180. |
| | AREA | 498. | 469. | 2,580. |
| | TOTAL | 738. | 1,298. | 2,760. |
| 17 LABETTE CO | POINT | 40. | 521. | 30. |
| | AREA | 2,869. | 1,630. | 11,910. |
| | TOTAL | 2,909. | 2,151. | 11,940. |
| 17 LANE CO | POINT | 0. | 0. | 0. |
| | AREA | 330. | 307. | 1,789. |
| | TOTAL | 330. | 307. | 1,789. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 17 LEAVENWORTH CO | POINT | 30. | 121. | 71. |
| | AREA | 4,093. | 2,649. | 19,092. |
| | TOTAL | 4,123. | 2,770. | 19,163. |
| 17 LINCOLN CO | POINT | 170. | 431. | 56. |
| | AREA | 564. | 569. | 3,312. |
| | TOTAL | 734. | 1,000. | 3,368. |
| 17 LINN CO | POINT | 423. | 77,444. | 1,416. |
| | AREA | 833. | 800. | 4,181. |
| | TOTAL | 1,256. | 78,244. | 5,597. |
| 17 LOGAN CO | POINT | 96. | 252. | 33. |
| | AREA | 397. | 396. | 2,274. |
| | TOTAL | 493. | 648. | 2,307. |
| 17 LYON CO | POINT | 0. | 66. | 2. |
| | AREA | 3,524. | 2,214. | 19,422. |
| | TOTAL | 3,524. | 2,280. | 19,424. |
| 17 MC PHERSON CO | POINT | 2,755. | 3,693. | 615. |
| | AREA | 2,687. | 1,726. | 11,501. |
| | TOTAL | 5,442. | 5,419. | 12,116. |
| 17 MARION CO | POINT | 6. | 82. | 17. |
| | AREA | 1,765. | 1,205. | 8,816. |
| | TOTAL | 1,771. | 1,287. | 8,833. |
| 17 MARSHALL CO | POINT | 0. | 0. | 0. |
| | AREA | 2,826. | 1,768. | 15,045. |
| | TOTAL | 2,826. | 1,768. | 15,045. |
| 17 MEADE CO | POINT | 123. | 396. | 79. |
| | AREA | 540. | 541. | 2,816. |
| | TOTAL | 663. | 937. | 2,895. |
| 17 MIAMI CO | POINT | 0. | 0. | 0. |
| | AREA | 1,870. | 1,519. | 10,123. |
| | TOTAL | 1,870. | 1,519. | 10,123. |
| 17 MITCHELL CO | POINT | 7. | 21. | 2. |
| | AREA | 918. | 688. | 5,099. |
| | TOTAL | 925. | 709. | 5,101. |
| 17 MONTGOMERY CO | POINT | 3,000. | 2,031. | 1,586. |
| | AREA | 4,600. | 2,357. | 19,380. |
| | TOTAL | 7,600. | 4,388. | 20,966. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 17 MORRIS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,047. | 635. | 4,996. |
| | TOTAL | 1,047. | 635. | 4,996. |
| 17 MORTON CO | POINT | 0. | 41. | 3. |
| | AREA | 335. | 400. | 1,813. |
| | TOTAL | 335. | 441. | 1,816. |
| 17 NEMAHA CO | POINT | 172. | 544. | 79. |
| | AREA | 1,084. | 982. | 5,527. |
| | TOTAL | 1,256. | 1,526. | 5,606. |
| 17 NEOSHO CO | POINT | 692. | 531. | 40. |
| | AREA | 2,495. | 1,466. | 10,048. |
| | TOTAL | 3,187. | 1,997. | 10,088. |
| 17 NESS CO | POINT | 0. | 0. | 0. |
| | AREA | 527. | 526. | 2,979. |
| | TOTAL | 527. | 526. | 2,979. |
| 17 NORTON CO | POINT | 143. | 369. | 49. |
| | AREA | 673. | 659. | 3,638. |
| | TOTAL | 816. | 1,028. | 3,687. |
| 17 OSAGE CO | POINT | 137. | 402. | 58. |
| | AREA | 1,616. | 1,272. | 8,200. |
| | TOTAL | 1,753. | 1,674. | 8,258. |
| 17 OSBORNE CO | POINT | 6. | 79. | 17. |
| | AREA | 600. | 596. | 3,276. |
| | TOTAL | 606. | 675. | 3,293. |
| 17 OTTAWA CO | POINT | 166. | 420. | 54. |
| | AREA | 809. | 700. | 3,873. |
| | TOTAL | 975. | 1,120. | 3,927. |
| 17 PAWNEE CO | POINT | 41. | 414. | 138. |
| | AREA | 941. | 710. | 5,599. |
| | TOTAL | 982. | 1,124. | 5,737. |
| 17 PHILLIPS CO | POINT | 1,129. | 1,603. | 298. |
| | AREA | 984. | 769. | 5,941. |
| | TOTAL | 2,113. | 2,372. | 6,239. |
| 17 POTTAWATOMIE CO | POINT | 107. | 287. | 39. |
| | AREA | 2,511. | 1,177. | 10,615. |
| | TOTAL | 2,618. | 1,464. | 10,654. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 17 PRATT CO | POINT | 0. | 191. | 1. |
| | AREA | 1,338. | 885. | 7,692. |
| | TOTAL | 1,338. | 1,076. | 7,693. |
| 17 RAWLINS CO | POINT | 0. | 4. | 0. |
| | AREA | 435. | 467. | 2,676. |
| | TOTAL | 435. | 471. | 2,676. |
| 17 RENO CO | POINT | 32. | 3,946. | 466. |
| | AREA | 6,862. | 4,045. | 29,528. |
| | TOTAL | 6,894. | 7,991. | 29,994. |
| 17 REPUBLIC CO | POINT | 152. | 399. | 53. |
| | AREA | 1,080. | 866. | 5,993. |
| | TOTAL | 1,232. | 1,265. | 6,046. |
| 17 RICE CO | POINT | 56. | 179. | 27. |
| | AREA | 1,182. | 1,021. | 6,458. |
| | TOTAL | 1,238. | 1,200. | 6,485. |
| 17 RILEY CO | POINT | 73. | 368. | 12. |
| | AREA | 4,443. | 2,663. | 22,067. |
| | TOTAL | 4,516. | 3,031. | 22,079. |
| 17 ROOKS CO | POINT | 1. | 23. | 5. |
| | AREA | 974. | 673. | 5,188. |
| | TOTAL | 975. | 696. | 5,193. |
| 17 RUSH CO | POINT | 57. | 164. | 23. |
| | AREA | 671. | 556. | 3,251. |
| | TOTAL | 728. | 720. | 3,274. |
| 17 RUSSELL CO | POINT | 14. | 183. | 39. |
| | AREA | 1,460. | 1,023. | 8,839. |
| | TOTAL | 1,474. | 1,206. | 8,878. |
| 17 SALINE CO | POINT | 3. | 2,382. | 57. |
| | AREA | 5,839. | 3,337. | 32,435. |
| | TOTAL | 5,842. | 5,719. | 32,492. |
| 17 SCOTT CO | POINT | 141. | 327. | 3,693. |
| | AREA | 719. | 588. | 4,986. |
| | TOTAL | 860. | 915. | 8,679. |
| 17 SEDGWICK CO | POINT | 66,904. | 16,560. | 381. |
| | AREA | 47,285. | 20,069. | 205,163. |
| | TOTAL | 114,189. | 36,629. | 205,544. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 17 SEWARD CO | POINT | 87. | 1,947. | 48. |
| | AREA | 2,070. | 1,227. | 12,036. |
| | TOTAL | 2,157. | 3,174. | 12,084. |
| 17 SHAWNEE CO | POINT | 84. | 5,624. | 301. |
| | AREA | 13,053. | 8,053. | 68,801. |
| | TOTAL | 13,137. | 13,677. | 69,102. |
| 17 SHERIDAN CO | POINT | 0. | 0. | 0. |
| | AREA | 427. | 424. | 2,291. |
| | TOTAL | 427. | 424. | 2,291. |
| 17 SHERMAN CO | POINT | 220. | 868. | 85. |
| | AREA | 1,375. | 921. | 9,143. |
| | TOTAL | 1,595. | 1,789. | 9,228. |
| 17 SMITH CO | POINT | 0. | 0. | 0. |
| | AREA | 729. | 699. | 3,971. |
| | TOTAL | 729. | 699. | 3,971. |
| 17 STAFFORD CO | POINT | 87. | 239. | 32. |
| | AREA | 666. | 676. | 3,694. |
| | TOTAL | 753. | 915. | 3,726. |
| 17 STANTON CO | POINT | 50. | 133. | 18. |
| | AREA | 267. | 327. | 1,822. |
| | TOTAL | 317. | 460. | 1,840. |
| 17 STEVENS CO | POINT | 122. | 320. | 43. |
| | AREA | 662. | 616. | 4,718. |
| | TOTAL | 784. | 936. | 4,761. |
| 17 SUMNER CO | POINT | 85. | 458. | 30. |
| | AREA | 2,958. | 2,031. | 14,868. |
| | TOTAL | 3,043. | 2,489. | 14,898. |
| 17 THOMAS CO | POINT | 5. | 1,137. | 19. |
| | AREA | 1,388. | 954. | 8,764. |
| | TOTAL | 1,393. | 2,091. | 8,783. |
| 17 TREGO CO | POINT | 0. | 1. | 0. |
| | AREA | 762. | 652. | 4,082. |
| | TOTAL | 762. | 653. | 4,082. |
| 17 WABAUNSEE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,481. | 962. | 7,514. |
| | TOTAL | 1,481. | 962. | 7,514. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 17 WALLACE CO | POINT | 1. | 17. | 3. |
| | AREA | 274. | 309. | 1,817. |
| | TOTAL | 275. | 326. | 1,820. |
| 17 WASHINGTON CO | POINT | 68. | 177. | 23. |
| | AREA | 1,016. | 976. | 5,554. |
| | TOTAL | 1,084. | 1,153. | 5,577. |
| 17 WICHITA CO | POINT | 0. | 0. | 0. |
| | AREA | 355. | 460. | 2,399. |
| | TOTAL | 355. | 460. | 2,399. |
| 17 WILSON CO | POINT | 804. | 533. | 8. |
| | AREA | 1,378. | 871. | 6,381. |
| | TOTAL | 2,182. | 1,404. | 6,389. |
| 17 WOODSON CO | POINT | 0. | 0. | 0. |
| | AREA | 511. | 482. | 2,728. |
| | TOTAL | 511. | 482. | 2,728. |
| 17 WYANDOTTE CO | POINT | 18,852. | 14,322. | 2,651. |
| | AREA | 21,457. | 10,553. | 102,309. |
| | TOTAL | 40,309. | 24,875. | 104,960. |
| 18 ADAIR CO | POINT | 21. | 0. | 0. |
| | AREA | 1,176. | 880. | 6,850. |
| | TOTAL | 1,197. | 880. | 6,850. |
| 18 ALLEN CO | POINT | 37. | 9. | 509. |
| | AREA | 1,406. | 892. | 6,504. |
| | TOTAL | 1,443. | 901. | 7,013. |
| 18 ANDERSON CO | POINT | 603. | 73. | 11. |
| | AREA | 990. | 851. | 5,356. |
| | TOTAL | 1,593. | 924. | 5,367. |
| 18 BALLARD CO | POINT | 111. | 333. | 10,152. |
| | AREA | 1,000. | 837. | 4,728. |
| | TOTAL | 1,111. | 1,170. | 14,880. |
| 18 BARREN CO | POINT | 309. | 58. | 78. |
| | AREA | 3,479. | 2,080. | 16,160. |
| | TOTAL | 3,788. | 2,138. | 16,238. |
| 18 BATH CO | POINT | 0. | 0. | 0. |
| | AREA | 690. | 618. | 3,633. |
| | TOTAL | 690. | 618. | 3,633. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | NOX | *<br>CO |
|---|---|---|---|---|
| 18 BELL CO | POINT | 60. | 640. | 248. |
| | AREA | 2,794. | 1,540. | 13,093. |
| | TOTAL | 2,854. | 2,180. | 13,341. |
| 18 BOONE CO | POINT | 794. | 87. | 11. |
| | AREA | 4,850. | 2,967. | 16,871. |
| | TOTAL | 5,644. | 3,054. | 16,882. |
| 18 BOURBON CO | POINT | 39. | 3. | 0. |
| | AREA | 1,750. | 1,162. | 9,200. |
| | TOTAL | 1,789. | 1,165. | 9,200. |
| 18 BOYD CO | POINT | 9,690. | 4,091. | 55,803. |
| | AREA | 5,103. | 3,013. | 26,768. |
| | TOTAL | 14,793. | 7,104. | 82,571. |
| 18 BOYLE CO | POINT | 543. | 39. | 46. |
| | AREA | 2,564. | 1,439. | 10,426. |
| | TOTAL | 3,107. | 1,478. | 10,472. |
| 18 BRACKEN CO | POINT | 393. | 0. | 0. |
| | AREA | 740. | 640. | 3,674. |
| | TOTAL | 1,133. | 640. | 3,674. |
| 18 BREATHITT CO | POINT | 43. | 5. | 0. |
| | AREA | 1,156. | 745. | 5,682. |
| | TOTAL | 1,199. | 750. | 5,682. |
| 18 BRECKINRIDGE CO | POINT | 0. | 4. | 0. |
| | AREA | 1,396. | 1,205. | 7,174. |
| | TOTAL | 1,396. | 1,209. | 7,174. |
| 18 BULLITT CO | POINT | 4,123. | 24. | 1. |
| | AREA | 2,164. | 1,606. | 9,814. |
| | TOTAL | 6,287. | 1,630. | 9,815. |
| 18 BUTLER CO | POINT | 0. | 0. | 0. |
| | AREA | 937. | 693. | 4,192. |
| | TOTAL | 937. | 693. | 4,192. |
| 18 CALDWELL CO | POINT | 24. | 2. | 109. |
| | AREA | 1,392. | 899. | 7,390. |
| | TOTAL | 1,416. | 901. | 7,499. |
| 18 CALLOWAY CO | POINT | 643. | 59. | 4. |
| | AREA | 2,648. | 1,748. | 13,741. |
| | TOTAL | 3,291. | 1,807. | 13,745. |

## EMISSION PROFILES OF COUNTIES

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 18 CAMPBELL CO | POINT | 225. | 30. | 2. |
| | AREA | 5,521. | 3,306. | 32,354. |
| | TOTAL | 5,746. | 3,336. | 32,356. |
| 18 CARLISLE CO | POINT | 0. | 0. | 0. |
| | AREA | 579. | 459. | 2,681. |
| | TOTAL | 579. | 459. | 2,681. |
| 18 CARROLL CO | POINT | 802. | 19,758. | 1,097. |
| | AREA | 1,056. | 663. | 4,937. |
| | TOTAL | 1,858. | 20,421. | 6,034. |
| 18 CARTER CO | POINT | 38. | 10. | 2. |
| | AREA | 2,120. | 1,388. | 9,860. |
| | TOTAL | 2,158. | 1,398. | 9,862. |
| 18 CASEY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,192. | 945. | 6,351. |
| | TOTAL | 1,192. | 945. | 6,351. |
| 18 CHRISTIAN CO | POINT | 2,594. | 13. | 19. |
| | AREA | 6,359. | 3,618. | 30,971. |
| | TOTAL | 8,953. | 3,631. | 30,990. |
| 18 CLARK CO | POINT | 469. | 4,763. | 281. |
| | AREA | 2,767. | 1,454. | 11,322. |
| | TOTAL | 3,236. | 6,217. | 11,603. |
| 18 CLAY CO | POINT | 35. | 0. | 0. |
| | AREA | 1,478. | 1,003. | 6,766. |
| | TOTAL | 1,513. | 1,003. | 6,766. |
| 18 CLINTON CO | POINT | 2,421. | 13. | 1,424. |
| | AREA | 924. | 579. | 3,829. |
| | TOTAL | 3,345. | 592. | 5,253. |
| 18 CRITTENDEN CO | POINT | 4. | 2. | 0. |
| | AREA | 923. | 615. | 4,709. |
| | TOTAL | 927. | 617. | 4,709. |
| 18 CUMBERLAND CO | POINT | 0. | 0. | 0. |
| | AREA | 724. | 460. | 3,622. |
| | TOTAL | 724. | 460. | 3,622. |
| 18 DAVIESS CO | POINT | 5,421. | 16,540. | 2,073. |
| | AREA | 7,364. | 4,551. | 42,058. |
| | TOTAL | 12,785. | 21,091. | 44,131. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 18 EDMONSON CO | POINT | 0. | 0. | 0. |
| | AREA | 685. | 507. | 3,539. |
| | TOTAL | 685. | 507. | 3,539. |
| 18 ELLIOTT CO | POINT | 0. | 0. | 0. |
| | AREA | 448. | 307. | 2,359. |
| | TOTAL | 448. | 307. | 2,359. |
| 18 ESTILL CO | POINT | 34. | 24. | 3. |
| | AREA | 1,156. | 749. | 5,656. |
| | TOTAL | 1,190. | 773. | 5,659. |
| 18 FAYETTE CO | POINT | 1,490. | 609. | 57. |
| | AREA | 17,067. | 9,603. | 92,501. |
| | TOTAL | 18,557. | 10,212. | 92,558. |
| 18 FLEMING CO | POINT | 16. | 0. | 0. |
| | AREA | 1,125. | 969. | 5,441. |
| | TOTAL | 1,141. | 969. | 5,441. |
| 18 FLOYD CO | POINT | 131. | 74. | 25. |
| | AREA | 3,161. | 2,153. | 14,080. |
| | TOTAL | 3,292. | 2,227. | 14,105. |
| 18 FRANKLIN CO | POINT | 6,720. | 234. | 31. |
| | AREA | 4,771. | 3,262. | 26,937. |
| | TOTAL | 11,491. | 3,496. | 26,968. |
| 18 FULTON CO | POINT | 39. | 1. | 69. |
| | AREA | 1,374. | 813. | 7,811. |
| | TOTAL | 1,413. | 814. | 7,880. |
| 18 GALLATIN CO | POINT | 4. | 0. | 0. |
| | AREA | 437. | 377. | 1,858. |
| | TOTAL | 441. | 377. | 1,858. |
| 18 GARRARD CO | POINT | 230. | 3. | 0. |
| | AREA | 915. | 583. | 4,577. |
| | TOTAL | 1,145. | 586. | 4,577. |
| 18 GRANT CO | POINT | 76. | 2,029. | 104. |
| | AREA | 1,177. | 962. | 5,214. |
| | TOTAL | 1,253. | 2,991. | 5,318. |
| 18 GRAVES CO | POINT | 286. | 315. | 26. |
| | AREA | 3,097. | 2,231. | 16,493. |
| | TOTAL | 3,383. | 2,546. | 16,519. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 18 GRAYSON CO | POINT | 118. | 22. | 1,224. |
| | AREA | 2,035. | 1,360. | 9,501. |
| | TOTAL | 2,153. | 1,382. | 10,725. |
| 18 GREEN CO | POINT | 43. | 306. | 13. |
| | AREA | 880. | 834. | 4,952. |
| | TOTAL | 923. | 1,140. | 4,965. |
| 18 GREENUP CO | POINT | 757. | 456. | 39. |
| | AREA | 2,844. | 1,855. | 16,060. |
| | TOTAL | 3,601. | 2,311. | 16,099. |
| 18 HANCOCK CO | POINT | 1,077. | 13,795. | 5,065. |
| | AREA | 789. | 657. | 3,693. |
| | TOTAL | 1,866. | 14,452. | 8,758. |
| 18 HARDIN CO | POINT | 374. | 31. | 2. |
| | AREA | 7,219. | 3,904. | 32,066. |
| | TOTAL | 7,593. | 3,935. | 32,068. |
| 18 HARLAN CO | POINT | 323. | 69. | 2,264. |
| | AREA | 2,524. | 1,915. | 11,047. |
| | TOTAL | 2,847. | 1,984. | 13,311. |
| 18 HARRISON CO | POINT | 452. | 44. | 4. |
| | AREA | 1,709. | 1,177. | 8,683. |
| | TOTAL | 2,161. | 1,221. | 8,687. |
| 18 HART CO | POINT | 302. | 3. | 0. |
| | AREA | 1,338. | 1,019. | 6,778. |
| | TOTAL | 1,640. | 1,022. | 6,778. |
| 18 HENDERSON CO | POINT | 1,356. | 1,202. | 3,926. |
| | AREA | 4,530. | 2,369. | 19,209. |
| | TOTAL | 5,886. | 3,571. | 23,135. |
| 18 HENRY CO | POINT | 55. | 7. | 17. |
| | AREA | 1,023. | 946. | 5,114. |
| | TOTAL | 1,078. | 953. | 5,131. |
| 18 HICKMAN CO | POINT | 0. | 0. | 0. |
| | AREA | 506. | 463. | 2,228. |
| | TOTAL | 506. | 463. | 2,228. |
| 18 HOPKINS CO | POINT | 1,102. | 79. | 706. |
| | AREA | 4,588. | 2,588. | 19,431. |
| | TOTAL | 5,690. | 2,667. | 20,137. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 18 JACKSON CO | POINT | 0. | 0. | 0. |
| | AREA | 744. | 588. | 3,537. |
| | TOTAL | 744. | 588. | 3,537. |
| 18 JEFFERSON CO | POINT | 31,879. | 42,691. | 10,659. |
| | AREA | 64,245. | 31,689. | 314,597. |
| | TOTAL | 96,124. | 74,380. | 325,256. |
| 18 JESSAMINE CO | POINT | 0. | 1. | 6. |
| | AREA | 1,754. | 1,075. | 8,508. |
| | TOTAL | 1,754. | 1,076. | 8,514. |
| 18 JOHNSON CO | POINT | 158. | 7. | 0. |
| | AREA | 1,733. | 1,126. | 8,506. |
| | TOTAL | 1,891. | 1,133. | 8,506. |
| 18 KENTON CO | POINT | 1,146. | 50. | 527. |
| | AREA | 9,264. | 5,486. | 47,418. |
| | TOTAL | 10,410. | 5,536. | 47,945. |
| 18 KNOTT CO | POINT | 0. | 0. | 0. |
| | AREA | 1,005. | 701. | 4,743. |
| | TOTAL | 1,005. | 701. | 4,743. |
| 18 KNOX CO | POINT | 2,461. | 65. | 1,438. |
| | AREA | 1,767. | 1,119. | 8,659. |
| | TOTAL | 4,228. | 1,184. | 10,097. |
| 18 LARUE CO | POINT | 152. | 84. | 5. |
| | AREA | 1,174. | 828. | 6,435. |
| | TOTAL | 1,326. | 912. | 6,440. |
| 18 LAUREL CO | POINT | 118. | 98. | 117. |
| | AREA | 2,630. | 1,871. | 10,494. |
| | TOTAL | 2,748. | 1,969. | 10,611. |
| 18 LAWRENCE CO | POINT | 880. | 23,949. | 1,330. |
| | AREA | 1,222. | 717. | 6,060. |
| | TOTAL | 2,102. | 24,666. | 7,390. |
| 18 LEE CO | POINT | 384. | 0. | 0. |
| | AREA | 529. | 397. | 2,570. |
| | TOTAL | 913. | 397. | 2,570. |
| 18 LESLIE CO | POINT | 0. | 0. | 0. |
| | AREA | 761. | 535. | 3,692. |
| | TOTAL | 761. | 535. | 3,692. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS<br>NOX | *<br>CO |
|---|---|---|---|---|
| 18 LETCHER CO | POINT | 119. | 97. | 474. |
| | AREA | 1,799. | 1,387. | 8,941. |
| | TOTAL | 1,918. | 1,484. | 9,415. |
| 18 LEWIS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,350. | 903. | 6,275. |
| | TOTAL | 1,350. | 903. | 6,275. |
| 18 LINCOLN CO | POINT | 1. | 0. | 0. |
| | AREA | 1,581. | 1,250. | 7,655. |
| | TOTAL | 1,582. | 1,250. | 7,655. |
| 18 LIVINGSTON CO | POINT | 35. | 3. | 411. |
| | AREA | 1,112. | 805. | 4,651. |
| | TOTAL | 1,147. | 808. | 5,062. |
| 18 LOGAN CO | POINT | 252. | 92. | 4. |
| | AREA | 2,201. | 1,523. | 10,349. |
| | TOTAL | 2,453. | 1,615. | 10,353. |
| 18 LYON CO | POINT | 33. | 23. | 3. |
| | AREA | 529. | 372. | 2,328. |
| | TOTAL | 562. | 395. | 2,331. |
| 18 MC CRACKEN CO | POINT | 2,711. | 43,114. | 2,395. |
| | AREA | 6,000. | 3,401. | 30,614. |
| | TOTAL | 8,711. | 46,515. | 33,009. |
| 18 MC CREARY CO | POINT | 0. | 0. | 0. |
| | AREA | 934. | 636. | 3,873. |
| | TOTAL | 934. | 636. | 3,873. |
| 18 MC LEAN CO | POINT | 30. | 15. | 12. |
| | AREA | 874. | 873. | 4,218. |
| | TOTAL | 904. | 888. | 4,230. |
| 18 MADISON CO | POINT | 415. | 188. | 20. |
| | AREA | 4,078. | 2,254. | 17,598. |
| | TOTAL | 4,493. | 2,442. | 17,618. |
| 18 MAGOFFIN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,302. | 623. | 6,560. |
| | TOTAL | 1,302. | 623. | 6,560. |
| 18 MARION CO | POINT | 264. | 97. | 20. |
| | AREA | 1,447. | 1,002. | 7,897. |
| | TOTAL | 1,711. | 1,099. | 7,917. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 18 MARSHALL CO | POINT | 9,774. | 2,652. | 1,320. |
| | AREA | 2,566. | 1,809. | 11,065. |
| | TOTAL | 12,340. | 4,461. | 12,385. |
| 18 MARTIN CO | POINT | 0. | 0. | 0. |
| | AREA | 739. | 528. | 3,493. |
| | TOTAL | 739. | 528. | 3,493. |
| 18 MASON CO | POINT | 29. | 27. | 3. |
| | AREA | 2,282. | 1,185. | 8,757. |
| | TOTAL | 2,311. | 1,212. | 8,760. |
| 18 MEADE CO | POINT | 9,130. | 1,848. | 187. |
| | AREA | 1,255. | 1,016. | 6,213. |
| | TOTAL | 10,385. | 2,864. | 6,400. |
| 18 MENIFEE CO | POINT | 0. | 0. | 0. |
| | AREA | 356. | 286. | 1,874. |
| | TOTAL | 356. | 286. | 1,874. |
| 18 MERCER CO | POINT | 733. | 13,498. | 762. |
| | AREA | 2,009. | 1,196. | 9,625. |
| | TOTAL | 2,742. | 14,694. | 10,387. |
| 18 METCALFE CO | POINT | 14. | 19. | 163. |
| | AREA | 772. | 649. | 4,500. |
| | TOTAL | 786. | 668. | 4,663. |
| 18 MONROE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,091. | 757. | 5,319. |
| | TOTAL | 1,091. | 757. | 5,319. |
| 18 MONTGOMERY CO | POINT | 536. | 38. | 3. |
| | AREA | 1,871. | 1,138. | 8,436. |
| | TOTAL | 2,407. | 1,176. | 8,439. |
| 18 MORGAN CO | POINT | 4. | 1. | 49. |
| | AREA | 1,211. | 726. | 6,233. |
| | TOTAL | 1,215. | 727. | 6,282. |
| 18 MUHLENBERG CO | POINT | 1,017. | 159,762. | 3,297. |
| | AREA | 2,362. | 1,779. | 11,520. |
| | TOTAL | 3,379. | 161,541. | 14,817. |
| 18 NELSON CO | POINT | 6,000. | 329. | 37. |
| | AREA | 2,608. | 1,784. | 10,864. |
| | TOTAL | 8,608. | 2,113. | 10,901. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 18 NICHOLAS CO | POINT | 0. | 0. | 0. |
| | AREA | 737. | 677. | 3,003. |
| | TOTAL | 737. | 677. | 3,003. |
| 18 OHIO CO | POINT | 243. | 45. | 521. |
| | AREA | 2,043. | 1,444. | 8,643. |
| | TOTAL | 2,286. | 1,489. | 9,164. |
| 18 OLDHAM CO | POINT | 223. | 24. | 2. |
| | AREA | 1,225. | 1,058. | 4,918. |
| | TOTAL | 1,448. | 1,082. | 4,920. |
| 18 OWEN CO | POINT | 25. | 0. | 0. |
| | AREA | 612. | 519. | 3,043. |
| | TOTAL | 637. | 519. | 3,043. |
| 18 OWSLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 454. | 289. | 2,402. |
| | TOTAL | 454. | 289. | 2,402. |
| 18 PENDLETON CO | POINT | 28. | 0. | 0. |
| | AREA | 997. | 748. | 4,840. |
| | TOTAL | 1,025. | 748. | 4,840. |
| 18 PERRY CO | POINT | 83. | 6. | 0. |
| | AREA | 2,391. | 1,617. | 12,501. |
| | TOTAL | 2,474. | 1,623. | 12,501. |
| 18 PIKE CO | POINT | 194. | 79. | 13. |
| | AREA | 5,105. | 3,726. | 24,331. |
| | TOTAL | 5,299. | 3,805. | 24,344. |
| 18 POWELL CO | POINT | 0. | 10. | 2. |
| | AREA | 646. | 512. | 3,009. |
| | TOTAL | 646. | 522. | 3,011. |
| 18 PULASKI CO | POINT | 686. | 7,471. | 424. |
| | AREA | 4,106. | 2,727. | 18,849. |
| | TOTAL | 4,792. | 10,198. | 19,273. |
| 18 ROBERTSON CO | POINT | 0. | 0. | 0. |
| | AREA | 171. | 180. | 973. |
| | TOTAL | 171. | 180. | 973. |
| 18 ROCKCASTLE CO | POINT | 11. | 0. | 0. |
| | AREA | 1,265. | 754. | 4,854. |
| | TOTAL | 1,276. | 754. | 4,854. |

|  | TYPE OF |  | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 18 ROWAN CO | POINT | 100. | 66. | 995. |
|  | AREA | 1,369. | 849. | 6,603. |
|  | TOTAL | 1,469. | 915. | 7,598. |
| 18 RUSSELL CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,509. | 906. | 6,590. |
|  | TOTAL | 1,509. | 906. | 6,590. |
| 18 SCOTT CO | POINT | 275. | 1. | 0. |
|  | AREA | 2,145. | 1,345. | 9,277. |
|  | TOTAL | 2,420. | 1,346. | 9,277. |
| 18 SHELBY CO | POINT | 103. | 18. | 0. |
|  | AREA | 1,971. | 1,530. | 9,669. |
|  | TOTAL | 2,074. | 1,548. | 9,669. |
| 18 SIMPSON CO | POINT | 18,092. | 6. | 55. |
|  | AREA | 2,271. | 1,262. | 7,973. |
|  | TOTAL | 20,363. | 1,268. | 8,028. |
| 18 SPENCER CO | POINT | 0. | 4. | 0. |
|  | AREA | 474. | 471. | 2,700. |
|  | TOTAL | 474. | 475. | 2,700. |
| 18 TAYLOR CO | POINT | 45. | 53. | 2. |
|  | AREA | 2,486. | 1,512. | 10,498. |
|  | TOTAL | 2,531. | 1,565. | 10,500. |
| 18 TODD CO | POINT | 18. | 54. | 6. |
|  | AREA | 1,106. | 808. | 4,572. |
|  | TOTAL | 1,124. | 862. | 4,578. |
| 18 TRIGG CO | POINT | 195. | 1. | 0. |
|  | AREA | 913. | 778. | 3,781. |
|  | TOTAL | 1,108. | 779. | 3,781. |
| 18 TRIMBLE CO | POINT | 0. | 0. | 0. |
|  | AREA | 534. | 469. | 2,594. |
|  | TOTAL | 534. | 469. | 2,594. |
| 18 UNION CO | POINT | 144. | 0. | 0. |
|  | AREA | 1,622. | 1,215. | 7,402. |
|  | TOTAL | 1,766. | 1,215. | 7,402. |
| 18 WARREN CO | POINT | 1,582. | 62. | 174. |
|  | AREA | 6,112. | 3,576. | 32,252. |
|  | TOTAL | 7,694. | 3,638. | 32,426. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 18 WASHINGTON CO | POINT | 73. | 1. | 0. |
| | AREA | 916. | 723. | 5,150. |
| | TOTAL | 989. | 724. | 5,150. |
| 18 WAYNE CO | POINT | 7. | 20. | 41. |
| | AREA | 1,525. | 799. | 6,759. |
| | TOTAL | 1,532. | 819. | 6,800. |
| 18 WEBSTER CO | POINT | 238. | 10,866. | 606. |
| | AREA | 1,306. | 966. | 6,840. |
| | TOTAL | 1,544. | 11,832. | 7,446. |
| 18 WHITLEY CO | POINT | 89. | 1. | 130. |
| | AREA | 4,458. | 2,034. | 14,831. |
| | TOTAL | 4,547. | 2,035. | 14,961. |
| 18 WOLFE CO | POINT | 55. | 0. | 0. |
| | AREA | 476. | 358. | 2,041. |
| | TOTAL | 531. | 358. | 2,041. |
| 18 WOODFORD CO | POINT | 2,205. | 1,594. | 53. |
| | AREA | 1,743. | 1,167. | 7,180. |
| | TOTAL | 3,948. | 2,761. | 7,233. |
| 19 ACADIA PAR | POINT | 1,202. | 26,792. | 2,121. |
| | AREA | 4,075. | 2,783. | 22,577. |
| | TOTAL | 5,277. | 29,575. | 24,698. |
| 19 ALLEN PAR | POINT | 572. | 2,839. | 829. |
| | AREA | 3,066. | 1,460. | 16,819. |
| | TOTAL | 3,638. | 4,299. | 17,648. |
| 19 ASCENSION PAR | POINT | 4,167. | 27,935. | 3,174. |
| | AREA | 3,144. | 2,661. | 15,027. |
| | TOTAL | 7,311. | 30,596. | 18,201. |
| 19 ASSUMPTION PAR | POINT | 270. | 999. | 406. |
| | AREA | 3,914. | 1,752. | 18,404. |
| | TOTAL | 4,184. | 2,751. | 18,810. |
| 19 AVOYELLES PAR | POINT | 150. | 233. | 33. |
| | AREA | 3,225. | 2,373. | 16,595. |
| | TOTAL | 3,375. | 2,606. | 16,628. |
| 19 BEAUREGARD PAR | POINT | 46. | 442. | 327. |
| | AREA | 4,642. | 2,188. | 26,089. |
| | TOTAL | 4,688. | 2,630. | 26,416. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 19 BIENVILLE PAR | POINT | 643. | 1,144. | 197. |
| | AREA | 1,472. | 1,051. | 7,069. |
| | TOTAL | 2,115. | 2,195. | 7,266. |
| 19 BOSSIER PAR | POINT | 3,577. | 579. | 2,282. |
| | AREA | 6,201. | 3,575. | 33,092. |
| | TOTAL | 9,778. | 4,154. | 35,374. |
| 19 CADDO PAR | POINT | 1,912. | 9,368. | 224. |
| | AREA | 22,687. | 11,804. | 110,300. |
| | TOTAL | 24,599. | 21,172. | 110,524. |
| 19 CALCASIEU PAR | POINT | 40,616. | 61,509. | 20,751. |
| | AREA | 12,064. | 7,751. | 64,304. |
| | TOTAL | 52,680. | 69,260. | 85,055. |
| 19 CALDWELL PAR | POINT | 9. | 127. | 65. |
| | AREA | 775. | 636. | 3,906. |
| | TOTAL | 784. | 763. | 3,971. |
| 19 CAMERON PAR | POINT | 189. | 1,576. | 1,729. |
| | AREA | 2,036. | 1,286. | 6,739. |
| | TOTAL | 2,225. | 2,862. | 8,468. |
| 19 CATAHOULA PAR | POINT | 0. | 0. | 0. |
| | AREA | 973. | 803. | 5,233. |
| | TOTAL | 973. | 803. | 5,233. |
| 19 CLAIBORNE PAR | POINT | 87. | 281. | 524. |
| | AREA | 1,730. | 998. | 8,089. |
| | TOTAL | 1,817. | 1,279. | 8,613. |
| 19 CONCORDIA PAR | POINT | 0. | 0. | 0. |
| | AREA | 2,174. | 1,593. | 10,942. |
| | TOTAL | 2,174. | 1,593. | 10,942. |
| 19 DE SOTO PAR | POINT | 79. | 392. | 78. |
| | AREA | 2,074. | 1,346. | 9,335. |
| | TOTAL | 2,153. | 1,738. | 9,413. |
| 19 EAST BATON ROUGE PAR | POINT | 26,887. | 37,940. | 14,339. |
| | AREA | 24,610. | 15,895. | 130,821. |
| | TOTAL | 51,497. | 53,835. | 145,160. |
| 19 EAST CARROLL PAR | POINT | 10. | 606. | 29. |
| | AREA | 1,078. | 1,055. | 5,901. |
| | TOTAL | 1,088. | 1,661. | 5,930. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 19 EAST FELICIANA PAR | POINT | 3,204. | 0. | 0. |
| | AREA | 1,137. | 942. | 6,188. |
| | TOTAL | 4,341. | 942. | 6,188. |
| 19 EVANGELINE PAR | POINT | 6. | 12,525. | 114. |
| | AREA | 2,781. | 1,847. | 16,390. |
| | TOTAL | 2,787. | 14,372. | 16,504. |
| 19 FRANKLIN PAR | POINT | 78. | 407. | 262. |
| | AREA | 1,816. | 1,546. | 9,876. |
| | TOTAL | 1,894. | 1,953. | 10,138. |
| 19 GRANT PAR | POINT | 55. | 1,368. | 48,109. |
| | AREA | 1,099. | 935. | 5,198. |
| | TOTAL | 1,154. | 2,303. | 53,307. |
| 19 IBERIA PAR | POINT | 16,013. | 2,087. | 153,849. |
| | AREA | 8,218. | 3,874. | 39,915. |
| | TOTAL | 24,231. | 5,961. | 193,764. |
| 19 IBERVILLE PAR | POINT | 8,044. | 35,280. | 3,217. |
| | AREA | 3,879. | 2,395. | 18,884. |
| | TOTAL | 11,923. | 37,675. | 22,101. |
| 19 JACKSON PAR | POINT | 643. | 26,746. | 3,322. |
| | AREA | 2,167. | 1,050. | 8,733. |
| | TOTAL | 2,810. | 27,796. | 12,055. |
| 19 JEFFERSON PAR | POINT | 19,432. | 45,838. | 70,004. |
| | AREA | 16,193. | 8,569. | 30,840. |
| | TOTAL | 35,625. | 54,407. | 100,844. |
| 19 JEFFERSON DAVIS PAR | POINT | 2,252. | 949. | 166. |
| | AREA | 20,207. | 13,378. | 143,715. |
| | TOTAL | 22,459. | 14,327. | 143,881. |
| 19 LAFAYETTE PAR | POINT | 258. | 5,500. | 349. |
| | AREA | 10,427. | 6,896. | 58,886. |
| | TOTAL | 10,685. | 12,396. | 59,235. |
| 19 LAFOURCHE PAR | POINT | 159. | 2,324. | 222. |
| | AREA | 8,600. | 4,317. | 37,976. |
| | TOTAL | 8,759. | 6,641. | 38,198. |
| 19 LA SALLE PAR | POINT | 149. | 476. | 285. |
| | AREA | 1,539. | 1,080. | 6,693. |
| | TOTAL | 1,688. | 1,556. | 6,978. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS<br>NOX | *<br>CO |
|---|---|---|---|---|
| 19 LINCOLN PAR | POINT | 1,486. | 1,247. | 89. |
| | AREA | 3,252. | 1,925. | 16,541. |
| | TOTAL | 4,738. | 3,172. | 16,630. |
| 19 LIVINGSTON PAR | POINT | 62. | 0. | 1,381. |
| | AREA | 4,977. | 2,863. | 24,164. |
| | TOTAL | 5,039. | 2,863. | 25,545. |
| 19 MADISON PAR | POINT | 11. | 55. | 11. |
| | AREA | 1,223. | 983. | 6,439. |
| | TOTAL | 1,234. | 1,038. | 6,450. |
| 19 MOREHOUSE PAR | POINT | 142. | 2,789. | 9,380. |
| | AREA | 2,625. | 2,069. | 15,457. |
| | TOTAL | 2,767. | 4,858. | 24,837. |
| 19 NATCHITOCHES PAR | POINT | 271. | 1,872. | 1,934. |
| | AREA | 2,933. | 1,920. | 15,592. |
| | TOTAL | 3,204. | 3,792. | 17,526. |
| 19 ORLEANS PAR | POINT | 6,825. | 17,485. | 3,959. |
| | AREA | 46,962. | 31,741. | 251,075. |
| | TOTAL | 53,787. | 49,226. | 255,034. |
| 19 OUACHITA PAR | POINT | 2,486. | 12,910. | 8,652. |
| | AREA | 11,573. | 6,105. | 53,803. |
| | TOTAL | 14,059. | 19,015. | 62,455. |
| 19 PLAQUEMINES PAR | POINT | 3,525. | 5,980. | 580. |
| | AREA | 4,534. | 3,930. | 17,152. |
| | TOTAL | 8,059. | 9,910. | 17,732. |
| 19 POINTE COUPEE PAR | POINT | 21. | 3,475. | 38. |
| | AREA | 2,324. | 1,586. | 11,085. |
| | TOTAL | 2,345. | 5,061. | 11,123. |
| 19 RAPIDES PAR | POINT | 504. | 7,765. | 10,368. |
| | AREA | 11,412. | 7,046. | 56,680. |
| | TOTAL | 11,916. | 14,811. | 67,048. |
| 19 RED RIVER PAR | POINT | 55. | 276. | 55. |
| | AREA | 878. | 875. | 4,130. |
| | TOTAL | 933. | 1,151. | 4,185. |
| 19 RICHLAND PAR | POINT | 652. | 3,156. | 193. |
| | AREA | 1,792. | 1,274. | 9,170. |
| | TOTAL | 2,444. | 4,430. | 9,363. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | <br>NOX | *<br>CO |
|---|---|---|---|---|
| 19 ST BERNARD PAR | POINT | 19,475. | 42,728. | 3,103. |
| | AREA | 4,409. | 4,072. | 27,124. |
| | TOTAL | 23,884. | 46,800. | 30,227. |
| 19 ST CHARLES PAR | POINT | 19,957. | 93,352. | 5,572. |
| | AREA | 4,284. | 2,505. | 15,806. |
| | TOTAL | 24,241. | 95,857. | 21,378. |
| 19 ST HELENA PAR | POINT | 420. | 944. | 227. |
| | AREA | 1,982. | 850. | 7,798. |
| | TOTAL | 2,402. | 1,794. | 8,025. |
| 19 ST JAMES PAR | POINT | 2,021. | 15,929. | 500. |
| | AREA | 2,964. | 1,623. | 14,702. |
| | TOTAL | 4,985. | 17,552. | 15,202. |
| 19 ST JOHN THE BAPTIST P | POINT | 771. | 643. | 112. |
| | AREA | 2,402. | 1,569. | 11,426. |
| | TOTAL | 3,173. | 2,212. | 11,538. |
| 19 ST LANDRY PAR | POINT | 6. | 603. | 25. |
| | AREA | 5,829. | 3,961. | 32,113. |
| | TOTAL | 5,835. | 4,564. | 32,138. |
| 19 ST MARTIN PAR | POINT | 2,323. | 439. | 232. |
| | AREA | 4,471. | 2,498. | 18,611. |
| | TOTAL | 6,794. | 2,937. | 18,843. |
| 19 ST MARY PAR | POINT | 13,108. | 15,370. | 121,705. |
| | AREA | 8,914. | 3,614. | 40,061. |
| | TOTAL | 22,022. | 18,984. | 161,766. |
| 19 ST TAMMANY PAR | POINT | 30. | 59. | 2,687. |
| | AREA | 8,093. | 4,407. | 41,845. |
| | TOTAL | 8,123. | 4,466. | 44,532. |
| 19 SABINE PAR | POINT | 156. | 745. | 586. |
| | AREA | 3,932. | 1,959. | 12,512. |
| | TOTAL | 4,088. | 2,704. | 13,098. |
| 19 TANGIPAHOA PAR | POINT | 50. | 43. | 259. |
| | AREA | 7,342. | 4,464. | 36,883. |
| | TOTAL | 7,392. | 4,507. | 37,142. |
| 19 TENSAS PAR | POINT | 24. | 204. | 76. |
| | AREA | 758. | 856. | 3,560. |
| | TOTAL | 782. | 1,060. | 3,636. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 19 TERREBONNE PAR | POINT | 201. | 4,785. | 944. |
| | AREA | 10,556. | 4,975. | 45,886. |
| | TOTAL | 10,757. | 9,760. | 46,830. |
| 19 UNION PAR | POINT | 7,238. | 7,981. | 1,625. |
| | AREA | 1,992. | 1,373. | 9,596. |
| | TOTAL | 9,230. | 9,354. | 11,221. |
| 19 VERMILION PAR | POINT | 1,155. | 6,987. | 1,379. |
| | AREA | 4,202. | 3,179. | 20,881. |
| | TOTAL | 5,357. | 10,166. | 22,260. |
| 19 VERNON PAR | POINT | 1. | 184. | 65. |
| | AREA | 3,328. | 1,965. | 19,794. |
| | TOTAL | 3,329. | 2,149. | 19,859. |
| 19 WASHINGTON PAR | POINT | 264. | 5,363. | 8,934. |
| | AREA | 4,675. | 2,516. | 24,207. |
| | TOTAL | 4,939. | 7,879. | 33,141. |
| 19 WEBSTER PAR | POINT | 4,340. | 9,113. | 21,689. |
| | AREA | 4,043. | 2,319. | 20,944. |
| | TOTAL | 8,383. | 11,432. | 42,633. |
| 19 WEST BATON ROUGE PAR | POINT | 87,792. | 587. | 258,238. |
| | AREA | 2,441. | 1,767. | 11,832. |
| | TOTAL | 90,233. | 2,354. | 270,070. |
| 19 WEST CARROLL PAR | POINT | 0. | 0. | 0. |
| | AREA | 1,129. | 1,098. | 5,907. |
| | TOTAL | 1,129. | 1,098. | 5,907. |
| 19 WEST FELICIANA PAR | POINT | 15. | 1,910. | 3,484. |
| | AREA | 1,200. | 720. | 2,673. |
| | TOTAL | 1,215. | 2,630. | 6,157. |
| 19 WINN PAR | POINT | 31,373. | 1,644. | 1,953. |
| | AREA | 1,579. | 929. | 8,258. |
| | TOTAL | 32,952. | 2,573. | 10,211. |
| 20 ANDROSCOGGIN CO | POINT | 5,451. | 519. | 2,211. |
| | AREA | 8,542. | 4,261. | 41,316. |
| | TOTAL | 13,993. | 4,780. | 43,527. |
| 20 AROOSTOOK CO | POINT | 1,534. | 2,164. | 10,139. |
| | AREA | 8,680. | 5,079. | 43,551. |
| | TOTAL | 10,214. | 7,243. | 53,690. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 20 CUMBERLAND CO | POINT | 21,793. | 5,501. | 6,506. |
| | AREA | 21,029. | 11,399. | 106,218. |
| | TOTAL | 42,822. | 16,900. | 112,724. |
| 20 FRANKLIN CO | POINT | 878. | 4,841. | 11,595. |
| | AREA | 1,964. | 1,392. | 8,822. |
| | TOTAL | 2,842. | 6,233. | 20,417. |
| 20 HANCOCK CO | POINT | 2,484. | 630. | 865. |
| | AREA | 3,951. | 2,392. | 17,172. |
| | TOTAL | 6,435. | 3,022. | 18,037. |
| 20 KENNEBEC CO | POINT | 1,985. | 5,243. | 3,034. |
| | AREA | 9,906. | 5,113. | 48,813. |
| | TOTAL | 11,891. | 10,356. | 51,847. |
| 20 KNOX CO | POINT | 196. | 301. | 510. |
| | AREA | 2,395. | 1,433. | 11,674. |
| | TOTAL | 2,591. | 1,734. | 12,184. |
| 20 LINCOLN CO | POINT | 1,095. | 213. | 627. |
| | AREA | 1,862. | 1,432. | 8,509. |
| | TOTAL | 2,957. | 1,645. | 9,136. |
| 20 OXFORD CO | POINT | 675. | 1,580. | 5,468. |
| | AREA | 3,510. | 2,307. | 16,432. |
| | TOTAL | 4,185. | 3,887. | 21,900. |
| 20 PENOBSCOT CO | POINT | 8,070. | 6,738. | 9,861. |
| | AREA | 12,456. | 7,115. | 66,443. |
| | TOTAL | 20,526. | 13,853. | 76,304. |
| 20 PISCATAQUIS CO | POINT | 186. | 130. | 408. |
| | AREA | 2,115. | 926. | 8,325. |
| | TOTAL | 2,301. | 1,056. | 8,733. |
| 20 SAGADAHOC CO | POINT | 212. | 217. | 424. |
| | AREA | 2,980. | 1,282. | 11,403. |
| | TOTAL | 3,192. | 1,499. | 11,827. |
| 20 SOMERSET CO | POINT | 604. | 564. | 8,229. |
| | AREA | 4,439. | 2,570. | 23,536. |
| | TOTAL | 5,043. | 3,134. | 31,765. |
| 20 WALDO CO | POINT | 1,441. | 107. | 647. |
| | AREA | 2,299. | 1,600. | 11,675. |
| | TOTAL | 3,740. | 1,707. | 12,322. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 20 WASHINGTON CO | POINT | 725. | 2,997. | 7,937. |
| | AREA | 3,582. | 1,884. | 17,301. |
| | TOTAL | 4,307. | 4,881. | 25,238. |
| 20 YORK CO | POINT | 1,560. | 736. | 2,679. |
| | AREA | 13,734. | 6,262. | 58,257. |
| | TOTAL | 15,294. | 6,998. | 60,936. |
| 21 ALLEGANY CO | POINT | 74. | 7,579. | 276. |
| | AREA | 7,091. | 4,142. | 37,777. |
| | TOTAL | 7,165. | 11,721. | 38,053. |
| 21 ANNE ARUNDEL CO | POINT | 5,910. | 12,998. | 663. |
| | AREA | 32,893. | 16,947. | 149,935. |
| | TOTAL | 38,803. | 29,945. | 150,598. |
| 21 BALTIMORE | POINT | 6,243. | 8,769. | 5,307. |
| | AREA | 102,483. | 48,287. | 573,444. |
| | TOTAL | 108,726. | 57,056. | 578,751. |
| 21 BALTIMORE CO | POINT | 10,959. | 26,117. | 100,578. |
| | AREA | 34,248. | 13,531. | 80,504. |
| | TOTAL | 45,207. | 39,648. | 181,082. |
| 21 CALVERT CO | POINT | 0. | 0. | 0. |
| | AREA | 2,204. | 1,496. | 8,889. |
| | TOTAL | 2,204. | 1,496. | 8,889. |
| 21 CAROLINE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,262. | 1,801. | 10,830. |
| | TOTAL | 2,262. | 1,801. | 10,830. |
| 21 CARROLL CO | POINT | 0. | 6,239. | 0. |
| | AREA | 10,645. | 6,267. | 38,524. |
| | TOTAL | 10,645. | 12,506. | 38,524. |
| 21 CECIL CO | POINT | 574. | 68. | 5. |
| | AREA | 5,526. | 3,367. | 21,459. |
| | TOTAL | 6,100. | 3,435. | 21,464. |
| 21 CHARLES CO | POINT | 340. | 22,674. | 1,258. |
| | AREA | 5,438. | 3,588. | 23,344. |
| | TOTAL | 5,778. | 26,262. | 24,602. |
| 21 DORCHESTER CO | POINT | 28. | 2,578. | 132. |
| | AREA | 5,451. | 2,053. | 20,030. |
| | TOTAL | 5,479. | 4,631. | 20,162. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 21 FREDERICK CO | POINT | 6. | 1,646. | 295. |
| | AREA | 8,609. | 5,922. | 43,905. |
| | TOTAL | 8,615. | 7,568. | 44,200. |
| 21 GARRETT CO | POINT | 0. | 0. | 0. |
| | AREA | 1,869. | 1,554. | 8,775. |
| | TOTAL | 1,869. | 1,554. | 8,775. |
| 21 HARFORD CO | POINT | 190. | 613. | 71. |
| | AREA | 11,442. | 6,449. | 56,951. |
| | TOTAL | 11,632. | 7,062. | 57,022. |
| 21 HOWARD CO | POINT | 2. | 298. | 8. |
| | AREA | 7,539. | 4,592. | 29,442. |
| | TOTAL | 7,541. | 4,890. | 29,450. |
| 21 KENT CO | POINT | 0. | 0. | 0. |
| | AREA | 2,507. | 1,396. | 11,935. |
| | TOTAL | 2,507. | 1,396. | 11,935. |
| 21 MONTGOMERY CO | POINT | 309. | 13,572. | 830. |
| | AREA | 34,761. | 20,758. | 203,846. |
| | TOTAL | 35,070. | 34,330. | 204,676. |
| 21 PRINCE GEORGES CO | POINT | 176. | 12,157. | 692. |
| | AREA | 36,664. | 22,179. | 223,429. |
| | TOTAL | 36,840. | 34,336. | 224,121. |
| 21 QUEEN ANNES CO | POINT | 0. | 0. | 0. |
| | AREA | 2,050. | 1,323. | 8,779. |
| | TOTAL | 2,050. | 1,323. | 8,779. |
| 21 ST MARYS CO | POINT | 2. | 175. | 14. |
| | AREA | 3,915. | 2,769. | 18,839. |
| | TOTAL | 3,917. | 2,944. | 18,853. |
| 21 SOMERSET CO | POINT | 26. | 130. | 26. |
| | AREA | 2,328. | 1,265. | 9,766. |
| | TOTAL | 2,354. | 1,395. | 9,792. |
| 21 TALBOT CO | POINT | 74. | 729. | 154. |
| | AREA | 3,607. | 1,834. | 15,684. |
| | TOTAL | 3,681. | 2,563. | 15,838. |
| 21 WASHINGTON CO | POINT | 187. | 3,897. | 286. |
| | AREA | 13,359. | 6,749. | 58,647. |
| | TOTAL | 13,546. | 10,646. | 58,933. |

| | | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | TYPE OF EMISSIONS | HC | NOX | CO |
| 21 WICOMICO CO | POINT | 929. | 0. | 0. |
| | AREA | 5,798. | 3,843. | 25,788. |
| | TOTAL | 6,727. | 3,843. | 25,788. |
| 21 WORCESTER CO | POINT | 0. | 0. | 0. |
| | AREA | 4,793. | 2,176. | 18,710. |
| | TOTAL | 4,793. | 2,176. | 18,710. |
| 22 BERKSHIRE APCD | POINT | 1,113. | 1,907. | 2,692. |
| | AREA | 15,660. | 6,893. | 68,705. |
| | TOTAL | 16,773. | 8,800. | 71,397. |
| 22 CENTRAL MASSACHUSETTS | POINT | 5,577. | 4,599. | 16,665. |
| | AREA | 74,196. | 27,800. | 303,147. |
| | TOTAL | 79,773. | 32,399. | 319,812. |
| 22 MERRIMACK VALLEY APCD | POINT | 5,602. | 2,441. | 3,752. |
| | AREA | 51,437. | 20,369. | 225,407. |
| | TOTAL | 57,039. | 22,810. | 229,159. |
| 22 METROPOLITAN BOSTON A | POINT | 42,727. | 55,399. | 12,680. |
| | AREA | 235,470. | 99,629. | 1,220,005. |
| | TOTAL | 278,197. | 155,028. | 1,232,685. |
| 22 PIONEER VALLEY APCD | POINT | 15,459. | 4,233. | 8,810. |
| | AREA | 65,668. | 24,607. | 264,528. |
| | TOTAL | 81,127. | 28,840. | 273,338. |
| 22 SOUTHEASTERN MASS. AP | POINT | 14,346. | 40,605. | 11,685. |
| | AREA | 85,951. | 35,166. | 361,467. |
| | TOTAL | 100,297. | 75,771. | 373,152. |
| 23 ALCONA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,160. | 596. | 4,924. |
| | TOTAL | 1,160. | 596. | 4,924. |
| 23 ALGER CO | POINT | 43. | 415. | 64. |
| | AREA | 1,394. | 472. | 6,150. |
| | TOTAL | 1,437. | 887. | 6,214. |
| 23 ALLEGAN CO | POINT | 159. | 1,152. | 96. |
| | AREA | 8,287. | 4,587. | 33,184. |
| | TOTAL | 8,446. | 5,739. | 33,280. |
| 23 ALPENA CO | POINT | 744. | 5,002. | 101. |
| | AREA | 3,600. | 2,154. | 20,414. |
| | TOTAL | 4,344. | 7,156. | 20,515. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 23 ANTRIM CO | POINT | 0. | 0. | 2. |
| | AREA | 2,450. | 987. | 8,731. |
| | TOTAL | 2,450. | 987. | 8,733. |
| 23 ARENAC CO | POINT | 0. | 0. | 0. |
| | AREA | 1,563. | 958. | 5,744. |
| | TOTAL | 1,563. | 958. | 5,744. |
| 23 BARAGA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,518. | 552. | 7,790. |
| | TOTAL | 1,518. | 552. | 7,790. |
| 23 BARRY CO | POINT | 646. | 3. | 64. |
| | AREA | 4,225. | 2,396. | 16,079. |
| | TOTAL | 4,871. | 2,399. | 16,143. |
| 23 BAY CO | POINT | 3,035. | 44,413. | 22,498. |
| | AREA | 11,769. | 5,784. | 59,979. |
| | TOTAL | 14,804. | 50,197. | 82,477. |
| 23 BENZIE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,324. | 690. | 5,729. |
| | TOTAL | 1,324. | 690. | 5,729. |
| 23 BERRIEN CO | POINT | 2,063. | 264. | 891. |
| | AREA | 23,127. | 10,687. | 96,236. |
| | TOTAL | 25,190. | 10,951. | 97,127. |
| 23 BRANCH CO | POINT | 50. | 344. | 3,804. |
| | AREA | 4,816. | 2,712. | 21,279. |
| | TOTAL | 4,866. | 3,056. | 25,083. |
| 23 CALHOUN CO | POINT | 3,261. | 1,356. | 356. |
| | AREA | 15,694. | 7,167. | 66,599. |
| | TOTAL | 18,955. | 8,523. | 66,955. |
| 23 CASS CO | POINT | 787. | 0. | 0. |
| | AREA | 5,099. | 2,829. | 20,964. |
| | TOTAL | 5,886. | 2,829. | 20,964. |
| 23 CHARLEVOIX CO | POINT | 118. | 2,019. | 290. |
| | AREA | 3,070. | 1,161. | 11,885. |
| | TOTAL | 3,188. | 3,180. | 12,175. |
| 23 CHEBOYGAN CO | POINT | 153. | 425. | 5. |
| | AREA | 3,291. | 1,084. | 12,963. |
| | TOTAL | 3,444. | 1,509. | 12,968. |

|  | TYPE OF |  | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 23 CHIPPEWA CO | POINT | 0. | 0. | 0. |
|  | AREA | 3,579. | 1,522. | 18,575. |
|  | TOTAL | 3,579. | 1,522. | 18,575. |
| 23 CLARE CO | POINT | 0. | 0. | 0. |
|  | AREA | 2,671. | 1,438. | 12,041. |
|  | TOTAL | 2,671. | 1,438. | 12,041. |
| 23 CLINTON CO | POINT | 319. | 0. | 0. |
|  | AREA | 3,794. | 2,851. | 19,154. |
|  | TOTAL | 4,113. | 2,851. | 19,154. |
| 23 CRAWFORD CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,210. | 547. | 6,207. |
|  | TOTAL | 1,210. | 547. | 6,207. |
| 23 DELTA CO | POINT | 248. | 3,175. | 4,764. |
|  | AREA | 5,051. | 2,024. | 22,654. |
|  | TOTAL | 5,299. | 5,199. | 27,418. |
| 23 DICKINSON CO | POINT | 422. | 0. | 229. |
|  | AREA | 3,227. | 1,366. | 17,245. |
|  | TOTAL | 3,649. | 1,366. | 17,474. |
| 23 EATON CO | POINT | 101. | 4,229. | 1,539. |
|  | AREA | 6,109. | 3,860. | 30,839. |
|  | TOTAL | 6,210. | 8,089. | 32,378. |
| 23 EMMET CO | POINT | 4. | 483. | 49. |
|  | AREA | 2,447. | 1,324. | 11,600. |
|  | TOTAL | 2,451. | 1,807. | 11,649. |
| 23 GENESEE CO | POINT | 22,687. | 3,948. | 21,390. |
|  | AREA | 50,125. | 17,667. | 182,418. |
|  | TOTAL | 72,812. | 21,615. | 203,808. |
| 23 GLADWIN CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,980. | 1,136. | 8,970. |
|  | TOTAL | 1,980. | 1,136. | 8,970. |
| 23 GOGEBIC CO | POINT | 113. | 37. | 175. |
|  | AREA | 2,328. | 969. | 12,516. |
|  | TOTAL | 2,441. | 1,006. | 12,691. |
| 23 GRAND TRAVERSE CO | POINT | 121. | 442. | 57. |
|  | AREA | 6,900. | 3,242. | 29,837. |
|  | TOTAL | 7,021. | 3,684. | 29,894. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS * HC | NOX | CO |
|---|---|---|---|---|
| 23 GRATIOT CO | POINT | 3,610. | 613. | 56,943. |
| | AREA | 4,070. | 2,736. | 24,201. |
| | TOTAL | 7,680. | 3,349. | 81,144. |
| 23 HILLSDALE CO | POINT | 1,274. | 320. | 0. |
| | AREA | 4,995. | 2,774. | 20,389. |
| | TOTAL | 6,269. | 3,094. | 20,389. |
| 23 HOUGHTON CO | POINT | 28. | 685. | 227. |
| | AREA | 3,072. | 1,628. | 15,678. |
| | TOTAL | 3,100. | 2,313. | 15,905. |
| 23 HURON CO | POINT | 318. | 2,774. | 187. |
| | AREA | 3,719. | 2,945. | 18,196. |
| | TOTAL | 4,037. | 5,719. | 18,383. |
| 23 INGHAM CO | POINT | 13,055. | 6,577. | 1,998. |
| | AREA | 27,962. | 10,895. | 121,662. |
| | TOTAL | 41,017. | 17,472. | 123,660. |
| 23 IONIA CO | POINT | 1,045. | 40. | 56. |
| | AREA | 5,480. | 2,884. | 21,979. |
| | TOTAL | 6,525. | 2,924. | 22,035. |
| 23 IOSCO CO | POINT | 74. | 41. | 3. |
| | AREA | 2,747. | 1,430. | 13,347. |
| | TOTAL | 2,821. | 1,471. | 13,350. |
| 23 IRON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,205. | 907. | 9,409. |
| | TOTAL | 2,205. | 907. | 9,409. |
| 23 ISABELLA CO | POINT | 24. | 480. | 32. |
| | AREA | 3,652. | 2,304. | 19,787. |
| | TOTAL | 3,676. | 2,784. | 19,819. |
| 23 JACKSON CO | POINT | 2,831. | 254. | 195. |
| | AREA | 14,799. | 7,292. | 68,425. |
| | TOTAL | 17,630. | 7,546. | 68,620. |
| 23 KALAMAZOO CO | POINT | 2,933. | 7,080. | 359. |
| | AREA | 21,838. | 8,218. | 86,783. |
| | TOTAL | 24,771. | 15,298. | 87,142. |
| 23 KALKASKA CO | POINT | 0. | 187. | 0. |
| | AREA | 820. | 544. | 4,006. |
| | TOTAL | 820. | 731. | 4,006. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | <br>NOX | *<br>CO |
|---|---|---|---|---|
| 23 KENT CO | POINT | 14,092. | 1,015. | 517. |
| | AREA | 50,777. | 18,987. | 223,206. |
| | TOTAL | 64,869. | 20,002. | 223,723. |
| 23 KEWEENAW CO | POINT | 0. | 0. | 0. |
| | AREA | 1,212. | 154. | 4,140. |
| | TOTAL | 1,212. | 154. | 4,140. |
| 23 LAKE CO | POINT | 0. | 0. | 0. |
| | AREA | 587. | 393. | 2,992. |
| | TOTAL | 587. | 393. | 2,992. |
| 23 LAPEER CO | POINT | 216. | 0. | 1,273. |
| | AREA | 4,813. | 3,568. | 21,502. |
| | TOTAL | 5,029. | 3,568. | 22,775. |
| 23 LEELANAU CO | POINT | 0. | 0. | 0. |
| | AREA | 1,414. | 774. | 6,241. |
| | TOTAL | 1,414. | 774. | 6,241. |
| 23 LENAWEE CO | POINT | 1,858. | 63. | 81. |
| | AREA | 9,528. | 5,346. | 46,315. |
| | TOTAL | 11,386. | 5,409. | 46,396. |
| 23 LIVINGSTON CO | POINT | 641. | 258. | 36. |
| | AREA | 5,969. | 4,060. | 24,010. |
| | TOTAL | 6,610. | 4,318. | 24,046. |
| 23 LUCE CO | POINT | 0. | 32. | 1. |
| | AREA | 988. | 440. | 4,847. |
| | TOTAL | 988. | 472. | 4,848. |
| 23 MACKINAC CO | POINT | 30. | 0. | 91. |
| | AREA | 2,037. | 566. | 7,746. |
| | TOTAL | 2,067. | 566. | 7,837. |
| 23 MACOMB CO | POINT | 11,435. | 6,868. | 9,613. |
| | AREA | 71,948. | 24,467. | 304,069. |
| | TOTAL | 83,383. | 31,335. | 313,682. |
| 23 MANISTEE CO | POINT | 549. | 1,711. | 440. |
| | AREA | 2,383. | 1,247. | 10,926. |
| | TOTAL | 2,932. | 2,958. | 11,366. |
| 23 MARQUETTE CO | POINT | 296. | 10,060. | 730. |
| | AREA | 5,579. | 2,781. | 30,355. |
| | TOTAL | 5,875. | 12,841. | 31,085. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | NOX | *<br>CO |
|---|---|---|---|---|
| 23 MASON CO | POINT | 46. | 964. | 144. |
| | AREA | 2,748. | 1,556. | 13,485. |
| | TOTAL | 2,794. | 2,520. | 13,629. |
| 23 MECOSTA CO | POINT | 0. | 0. | 0. |
| | AREA | 3,052. | 1,574. | 15,468. |
| | TOTAL | 3,052. | 1,574. | 15,468. |
| 23 MENOMINEE CO | POINT | 260. | 431. | 247. |
| | AREA | 3,052. | 1,518. | 15,520. |
| | TOTAL | 3,312. | 1,949. | 15,767. |
| 23 MIDLAND CO | POINT | 2,893. | 16,127. | 881. |
| | AREA | 8,337. | 3,427. | 34,386. |
| | TOTAL | 11,230. | 19,554. | 35,267. |
| 23 MISSAUKEE CO | POINT | 20. | 0. | 60. |
| | AREA | 868. | 611. | 4,661. |
| | TOTAL | 888. | 611. | 4,721. |
| 23 MONROE CO | POINT | 2,125. | 63,499. | 3,673. |
| | AREA | 11,639. | 6,613. | 53,628. |
| | TOTAL | 13,764. | 70,112. | 57,301. |
| 23 MONTCALM CO | POINT | 492. | 8. | 43. |
| | AREA | 4,906. | 3,075. | 20,264. |
| | TOTAL | 5,398. | 3,083. | 20,307. |
| 23 MONTMORENCY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,139. | 551. | 4,396. |
| | TOTAL | 1,139. | 551. | 4,396. |
| 23 MUSKEGON CO | POINT | 2,276. | 14,270. | 16,367. |
| | AREA | 17,468. | 7,565. | 82,629. |
| | TOTAL | 19,744. | 21,835. | 98,996. |
| 23 NEWAYGO CO | POINT | 1. | 97. | 3. |
| | AREA | 3,219. | 1,959. | 15,560. |
| | TOTAL | 3,220. | 2,056. | 15,563. |
| 23 OAKLAND CO | POINT | 17,739. | 2,413. | 1,097. |
| | AREA | 93,383. | 32,959. | 405,415. |
| | TOTAL | 111,122. | 35,372. | 406,512. |
| 23 OCEANA CO | POINT | 0. | 0. | 35. |
| | AREA | 1,790. | 1,472. | 9,401. |
| | TOTAL | 1,790. | 1,472. | 9,436. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 23 OGEMAW CO | POINT | 559. | 0. | 0. |
| | AREA | 1,874. | 1,035. | 8,592. |
| | TOTAL | 2,433. | 1,035. | 8,592. |
| 23 ONTONAGON CO | POINT | 88. | 1,015. | 75. |
| | AREA | 1,093. | 670. | 4,951. |
| | TOTAL | 1,181. | 1,685. | 5,026. |
| 23 OSCEOLA CO | POINT | 366. | 0. | 0. |
| | AREA | 1,779. | 1,270. | 7,695. |
| | TOTAL | 2,145. | 1,270. | 7,695. |
| 23 OSCODA CO | POINT | 0. | 0. | 0. |
| | AREA | 549. | 338. | 2,471. |
| | TOTAL | 549. | 338. | 2,471. |
| 23 OTSEGO CO | POINT | 219. | 864. | 10. |
| | AREA | 1,786. | 889. | 8,677. |
| | TOTAL | 2,005. | 1,753. | 8,687. |
| 23 OTTAWA CO | POINT | 8,151. | 13,077. | 791. |
| | AREA | 18,479. | 8,521. | 78,906. |
| | TOTAL | 26,630. | 21,598. | 79,697. |
| 23 PRESQUE ISLE CO | POINT | 3. | 45. | 6. |
| | AREA | 1,911. | 883. | 9,638. |
| | TOTAL | 1,914. | 928. | 9,644. |
| 23 ROSCOMMON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,185. | 960. | 8,397. |
| | TOTAL | 2,185. | 960. | 8,397. |
| 23 ST CLAIR CO | POINT | 18,857. | 42,494. | 2,265. |
| | AREA | 14,509. | 8,191. | 64,987. |
| | TOTAL | 33,366. | 50,685. | 67,252. |
| 23 ST JOSEPH CO | POINT | 1,380. | 257. | 622. |
| | AREA | 8,554. | 4,151. | 29,384. |
| | TOTAL | 9,934. | 4,408. | 30,006. |
| 23 SAGINAW CO | POINT | 2,778. | 1,006. | 66,363. |
| | AREA | 22,111. | 10,814. | 111,873. |
| | TOTAL | 24,889. | 11,820. | 178,236. |
| 23 SANILAC CO | POINT | 324. | 124. | 754. |
| | AREA | 4,375. | 3,080. | 18,479. |
| | TOTAL | 4,699. | 3,204. | 19,233. |

| | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| STATE AND COUNTY | | HC | NOX | CO |
| 23 SCHOOLCRAFT CO | POINT | 22. | 236. | 34. |
| | AREA | 1,663. | 461. | 7,481. |
| | TOTAL | 1,685. | 697. | 7,515. |
| 23 SHIAWASSEE CO | POINT | 79. | 19. | 231. |
| | AREA | 7,152. | 4,074. | 31,217. |
| | TOTAL | 7,231. | 4,093. | 31,448. |
| 23 TUSCOLA CO | POINT | 51. | 327. | 3,776. |
| | AREA | 5,356. | 3,825. | 26,146. |
| | TOTAL | 5,407. | 4,152. | 29,922. |
| 23 VAN BUREN CO | POINT | 150. | 0. | 4,111. |
| | AREA | 6,280. | 4,113. | 30,564. |
| | TOTAL | 6,430. | 4,113. | 34,675. |
| 23 WASHTENAW CO | POINT | 10,868. | 1,506. | 140. |
| | AREA | 26,734. | 9,484. | 96,167. |
| | TOTAL | 37,602. | 10,990. | 96,307. |
| 23 WAYNE CO | POINT | 65,587. | 70,208. | 88,808. |
| | AREA | 248,818. | 89,345. | 1,169,865. |
| | TOTAL | 314,405. | 159,553. | 1,258,673. |
| 23 WEXFORD CO | POINT | 92. | 0. | 141. |
| | AREA | 2,957. | 1,188. | 12,179. |
| | TOTAL | 3,049. | 1,188. | 12,320. |
| 24 AITKIN CO | POINT | 0. | 0. | 0. |
| | AREA | 3,229. | 1,244. | 16,507. |
| | TOTAL | 3,229. | 1,244. | 16,507. |
| 24 ANOKA CO | POINT | 387. | 165. | 17. |
| | AREA | 22,863. | 10,398. | 130,192. |
| | TOTAL | 23,250. | 10,563. | 130,209. |
| 24 BECKER CO | POINT | 2. | 43. | 6. |
| | AREA | 3,069. | 1,784. | 16,780. |
| | TOTAL | 3,071. | 1,827. | 16,786. |
| 24 BELTRAMI CO | POINT | 36. | 194. | 37. |
| | AREA | 6,127. | 2,182. | 32,334. |
| | TOTAL | 6,163. | 2,376. | 32,371. |
| 24 BENTON CO | POINT | 30. | 297. | 39. |
| | AREA | 3,100. | 1,538. | 16,159. |
| | TOTAL | 3,130. | 1,835. | 16,198. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 24 BIG STONE CO | POINT | 55. | 332. | 110. |
| | AREA | 869. | 554. | 5,447. |
| | TOTAL | 924. | 886. | 5,557. |
| 24 BLUE EARTH CO | POINT | 1,037. | 774. | 1,233. |
| | AREA | 5,392. | 2,967. | 27,218. |
| | TOTAL | 6,429. | 3,741. | 28,451. |
| 24 BROWN CO | POINT | 35. | 525. | 72. |
| | AREA | 3,143. | 1,691. | 16,587. |
| | TOTAL | 3,178. | 2,216. | 16,659. |
| 24 CARLTON CO | POINT | 68,091. | 1,590. | 23,682. |
| | AREA | 3,529. | 1,958. | 17,526. |
| | TOTAL | 71,620. | 3,548. | 41,208. |
| 24 CARVER CO | POINT | 0. | 46. | 4. |
| | AREA | 3,034. | 1,946. | 15,498. |
| | TOTAL | 3,034. | 1,992. | 15,502. |
| 24 CASS CO | POINT | 22. | 23. | 244. |
| | AREA | 4,550. | 1,629. | 21,380. |
| | TOTAL | 4,572. | 1,652. | 21,624. |
| 24 CHIPPEWA CO | POINT | 28. | 224. | 57. |
| | AREA | 1,613. | 1,050. | 10,494. |
| | TOTAL | 1,641. | 1,274. | 10,551. |
| 24 CHISAGO CO | POINT | 0. | 0. | 0. |
| | AREA | 2,882. | 1,742. | 12,280. |
| | TOTAL | 2,882. | 1,742. | 12,280. |
| 24 CLAY CO | POINT | 1,211. | 694. | 165. |
| | AREA | 4,486. | 2,609. | 28,785. |
| | TOTAL | 5,697. | 3,303. | 28,950. |
| 24 CLEARWATER CO | POINT | 513. | 578. | 125. |
| | AREA | 1,639. | 794. | 9,612. |
| | TOTAL | 2,152. | 1,372. | 9,737. |
| 24 COOK CO | POINT | 36. | 2,218. | 123. |
| | AREA | 2,294. | 691. | 10,691. |
| | TOTAL | 2,330. | 2,909. | 10,814. |
| 24 COTTONWOOD CO | POINT | 92. | 0. | 0. |
| | AREA | 1,520. | 959. | 7,931. |
| | TOTAL | 1,612. | 959. | 7,931. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 24 CROW WING CO | POINT | 20. | 534. | 48. |
| | AREA | 5,055. | 2,615. | 23,231. |
| | TOTAL | 5,075. | 3,149. | 23,279. |
| 24 DAKOTA CO | POINT | 13,815. | 10,038. | 560. |
| | AREA | 14,651. | 7,504. | 81,099. |
| | TOTAL | 28,466. | 17,542. | 81,659. |
| 24 DODGE CO | POINT | 0. | 0. | 0. |
| | AREA | 961. | 826. | 5,793. |
| | TOTAL | 961. | 826. | 5,793. |
| 24 DOUGLAS CO | POINT | 1,403. | 32. | 2. |
| | AREA | 3,003. | 1,850. | 16,913. |
| | TOTAL | 4,406. | 1,882. | 16,915. |
| 24 FARIBAULT CO | POINT | 2. | 37. | 5. |
| | AREA | 2,093. | 1,532. | 12,401. |
| | TOTAL | 2,095. | 1,569. | 12,406. |
| 24 FILLMORE CO | POINT | 662. | 0. | 0. |
| | AREA | 1,868. | 1,396. | 10,446. |
| | TOTAL | 2,530. | 1,396. | 10,446. |
| 24 FREEBORN CO | POINT | 335. | 162. | 9. |
| | AREA | 4,056. | 2,470. | 24,013. |
| | TOTAL | 4,391. | 2,632. | 24,022. |
| 24 GOODHUE CO | POINT | 77. | 200. | 36. |
| | AREA | 4,180. | 2,412. | 19,850. |
| | TOTAL | 4,257. | 2,612. | 19,886. |
| 24 GRANT CO | POINT | 0. | 0. | 0. |
| | AREA | 886. | 627. | 4,953. |
| | TOTAL | 886. | 627. | 4,953. |
| 24 HENNEPIN CO | POINT | 2,088. | 9,504. | 1,343. |
| | AREA | 101,125. | 42,610. | 444,237. |
| | TOTAL | 103,213. | 52,114. | 445,580. |
| 24 HOUSTON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,448. | 988. | 9,032. |
| | TOTAL | 1,448. | 988. | 9,032. |
| 24 HUBBARD CO | POINT | 0. | 0. | 0. |
| | AREA | 2,025. | 895. | 10,937. |
| | TOTAL | 2,025. | 895. | 10,937. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 24 ISANTI CO | POINT | 0. | 17. | 1. |
| | AREA | 1,906. | 1,094. | 9,337. |
| | TOTAL | 1,906. | 1,111. | 9,338. |
| 24 ITASCA CO | POINT | 482. | 15,213. | 2,728. |
| | AREA | 5,718. | 2,569. | 28,791. |
| | TOTAL | 6,200. | 17,782. | 31,519. |
| 24 JACKSON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,946. | 1,297. | 11,768. |
| | TOTAL | 1,946. | 1,297. | 11,768. |
| 24 KANABEC CO | POINT | 0. | 0. | 0. |
| | AREA | 1,685. | 731. | 7,623. |
| | TOTAL | 1,685. | 731. | 7,623. |
| 24 KANDIYOHI CO | POINT | 30. | 233. | 61. |
| | AREA | 3,661. | 2,162. | 20,440. |
| | TOTAL | 3,691. | 2,395. | 20,501. |
| 24 KITTSON CO | POINT | 0. | 0. | 0. |
| | AREA | 732. | 571. | 4,805. |
| | TOTAL | 732. | 571. | 4,805. |
| 24 KOOCHICHING CO | POINT | 238. | 1,740. | 3,911. |
| | AREA | 4,435. | 1,488. | 20,413. |
| | TOTAL | 4,673. | 3,228. | 24,324. |
| 24 LAC QUI PARLE CO | POINT | 1. | 78. | 6. |
| | AREA | 1,023. | 832. | 6,513. |
| | TOTAL | 1,024. | 910. | 6,519. |
| 24 LAKE CO | POINT | 69. | 2,237. | 673. |
| | AREA | 3,490. | 1,013. | 17,791. |
| | TOTAL | 3,559. | 3,250. | 18,464. |
| 24 LAKE OF THE WOODS CO | POINT | 0. | 0. | 0. |
| | AREA | 2,763. | 463. | 12,001. |
| | TOTAL | 2,763. | 463. | 12,001. |
| 24 LE SUEUR CO | POINT | 2. | 24. | 5. |
| | AREA | 2,240. | 1,372. | 11,190. |
| | TOTAL | 2,242. | 1,396. | 11,195. |
| 24 LINCOLN CO | POINT | 0. | 0. | 0. |
| | AREA | 765. | 557. | 4,715. |
| | TOTAL | 765. | 557. | 4,715. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 24 LYON CO | POINT | 220. | 0. | 0. |
| | AREA | 2,465. | 1,517. | 14,130. |
| | TOTAL | 2,685. | 1,517. | 14,130. |
| 24 MC LEOD CO | POINT | 10,764. | 721. | 131. |
| | AREA | 4,400. | 2,101. | 15,725. |
| | TOTAL | 15,164. | 2,822. | 15,856. |
| 24 MAHNOMEN CO | POINT | 0. | 0. | 0. |
| | AREA | 669. | 439. | 3,783. |
| | TOTAL | 669. | 439. | 3,783. |
| 24 MARSHALL CO | POINT | 14. | 171. | 37. |
| | AREA | 2,003. | 1,225. | 13,081. |
| | TOTAL | 2,017. | 1,396. | 13,118. |
| 24 MARTIN CO | POINT | 597. | 1,469. | 104. |
| | AREA | 2,803. | 1,708. | 15,665. |
| | TOTAL | 3,400. | 3,177. | 15,769. |
| 24 MEEKER CO | POINT | 1. | 68. | 5. |
| | AREA | 1,839. | 1,297. | 10,941. |
| | TOTAL | 1,840. | 1,365. | 10,946. |
| 24 MILLE LACS CO | POINT | 0. | 2. | 0. |
| | AREA | 2,597. | 1,227. | 12,030. |
| | TOTAL | 2,597. | 1,229. | 12,030. |
| 24 MORRISON CO | POINT | 0. | 43. | 3. |
| | AREA | 3,685. | 1,832. | 19,389. |
| | TOTAL | 3,685. | 1,875. | 19,392. |
| 24 MOWER CO | POINT | 15. | 1,207. | 70. |
| | AREA | 3,445. | 2,261. | 21,198. |
| | TOTAL | 3,460. | 3,468. | 21,268. |
| 24 MURRAY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,007. | 792. | 6,259. |
| | TOTAL | 1,007. | 792. | 6,259. |
| 24 NICOLLET CO | POINT | 0. | 29. | 2. |
| | AREA | 2,959. | 1,395. | 15,994. |
| | TOTAL | 2,959. | 1,424. | 15,996. |
| 24 NOBLES CO | POINT | 3. | 275. | 15. |
| | AREA | 2,638. | 1,754. | 16,023. |
| | TOTAL | 2,641. | 2,029. | 16,038. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 24 NORMAN CO | POINT | 0. | 0. | 0. |
| | AREA | 938. | 758. | 6,414. |
| | TOTAL | 938. | 758. | 6,414. |
| 24 OLMSTED CO | POINT | 329. | 2,506. | 135. |
| | AREA | 9,412. | 4,499. | 46,123. |
| | TOTAL | 9,741. | 7,005. | 46,258. |
| 24 OTTER TAIL CO | POINT | 120. | 4,637. | 380. |
| | AREA | 6,018. | 3,320. | 32,356. |
| | TOTAL | 6,138. | 7,957. | 32,736. |
| 24 PENNINGTON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,181. | 887. | 11,475. |
| | TOTAL | 2,181. | 887. | 11,475. |
| 24 PINE CO | POINT | 0. | 10. | 0. |
| | AREA | 3,049. | 1,779. | 16,428. |
| | TOTAL | 3,049. | 1,789. | 16,428. |
| 24 PIPESTONE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,205. | 776. | 7,341. |
| | TOTAL | 1,205. | 776. | 7,341. |
| 24 POLK CO | POINT | 122. | 743. | 245. |
| | AREA | 3,851. | 2,485. | 25,729. |
| | TOTAL | 3,973. | 3,228. | 25,974. |
| 24 POPE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,273. | 732. | 7,408. |
| | TOTAL | 1,273. | 732. | 7,408. |
| 24 RAMSEY CO | POINT | 20,017. | 11,004. | 910. |
| | AREA | 60,587. | 25,124. | 299,458. |
| | TOTAL | 80,604. | 36,128. | 300,368. |
| 24 RED LAKE CO | POINT | 0. | 0. | 0. |
| | AREA | 915. | 454. | 5,061. |
| | TOTAL | 915. | 454. | 5,061. |
| 24 REDWOOD CO | POINT | 0. | 0. | 0. |
| | AREA | 1,803. | 1,353. | 11,140. |
| | TOTAL | 1,803. | 1,353. | 11,140. |
| 24 RENVILLE CO | POINT | 21. | 951. | 74. |
| | AREA | 2,046. | 1,621. | 13,210. |
| | TOTAL | 2,067. | 2,572. | 13,284. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 24 RICE CO | POINT | 1,658. | 199. | 130. |
| | AREA | 4,292. | 2,159. | 22,580. |
| | TOTAL | 5,950. | 2,358. | 22,710. |
| 24 ROCK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,436. | 883. | 8,931. |
| | TOTAL | 1,436. | 883. | 8,931. |
| 24 ROSEAU CO | POINT | 130. | 8. | 1. |
| | AREA | 2,386. | 1,000. | 13,955. |
| | TOTAL | 2,516. | 1,008. | 13,956. |
| 24 ST LOUIS CO | POINT | 1,242. | 6,626. | 1,604. |
| | AREA | 23,342. | 10,836. | 124,788. |
| | TOTAL | 24,584. | 17,462. | 126,392. |
| 24 SCOTT CO | POINT | 93. | 216. | 33. |
| | AREA | 4,244. | 2,873. | 20,486. |
| | TOTAL | 4,337. | 3,089. | 20,519. |
| 24 SHERBURNE CO | POINT | 687. | 29,795. | 2,291. |
| | AREA | 2,520. | 1,607. | 13,899. |
| | TOTAL | 3,207. | 31,402. | 16,190. |
| 24 SIBLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,430. | 1,124. | 8,524. |
| | TOTAL | 1,430. | 1,124. | 8,524. |
| 24 STEARNS CO | POINT | 276. | 648. | 964. |
| | AREA | 9,545. | 5,609. | 50,314. |
| | TOTAL | 9,821. | 6,257. | 51,278. |
| 24 STEELE CO | POINT | 313. | 582. | 27. |
| | AREA | 3,014. | 1,703. | 16,106. |
| | TOTAL | 3,327. | 2,285. | 16,133. |
| 24 STEVENS CO | POINT | 0. | 5. | 0. |
| | AREA | 1,073. | 660. | 6,733. |
| | TOTAL | 1,073. | 665. | 6,733. |
| 24 SWIFT CO | POINT | 0. | 6. | 0. |
| | AREA | 1,321. | 875. | 7,428. |
| | TOTAL | 1,321. | 881. | 7,428. |
| 24 TODD CO | POINT | 0. | 28. | 2. |
| | AREA | 2,261. | 1,433. | 12,676. |
| | TOTAL | 2,261. | 1,461. | 12,678. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 24 TRAVERSE CO | POINT | 0. | 0. | 0. |
| | AREA | 552. | 431. | 3,652. |
| | TOTAL | 552. | 431. | 3,652. |
| 24 WABASHA CO | POINT | 0. | 8. | 0. |
| | AREA | 1,657. | 1,107. | 8,422. |
| | TOTAL | 1,657. | 1,115. | 8,422. |
| 24 WADENA CO | POINT | 2. | 40. | 5. |
| | AREA | 1,431. | 779. | 7,222. |
| | TOTAL | 1,433. | 819. | 7,227. |
| 24 WASECA CO | POINT | 0. | 8. | 0. |
| | AREA | 2,846. | 1,040. | 9,083. |
| | TOTAL | 2,846. | 1,048. | 9,083. |
| 24 WASHINGTON CO | POINT | 10,027. | 1,440. | 627. |
| | AREA | 8,907. | 5,105. | 51,062. |
| | TOTAL | 18,934. | 6,545. | 51,689. |
| 24 WATONWAN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,450. | 997. | 8,585. |
| | TOTAL | 1,450. | 997. | 8,585. |
| 24 WILKIN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,143. | 775. | 8,111. |
| | TOTAL | 1,143. | 775. | 8,111. |
| 24 WINONA CO | POINT | 550. | 36. | 864. |
| | AREA | 4,904. | 2,750. | 25,472. |
| | TOTAL | 5,454. | 2,786. | 26,336. |
| 24 WRIGHT CO | POINT | 120. | 0. | 0. |
| | AREA | 4,104. | 3,038. | 18,872. |
| | TOTAL | 4,224. | 3,038. | 18,872. |
| 24 YELLOW MEDICINE CO | POINT | 10. | 882. | 39. |
| | AREA | 1,343. | 1,012. | 8,311. |
| | TOTAL | 1,353. | 1,894. | 8,350. |
| 25 ADAMS CO | POINT | 305. | 3,393. | 37,092. |
| | AREA | 3,712. | 2,166. | 15,947. |
| | TOTAL | 4,017. | 5,559. | 53,039. |
| 25 ALCORN CO | POINT | 1,434. | 17. | 83. |
| | AREA | 3,427. | 1,880. | 14,806. |
| | TOTAL | 4,861. | 1,897. | 14,889. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 25 AMITE CO | POINT | 389. | 130. | 1,794. |
| | AREA | 1,600. | 803. | 7,387. |
| | TOTAL | 1,989. | 933. | 9,181. |
| 25 ATTALA CO | POINT | 38. | 8. | 210. |
| | AREA | 2,071. | 1,154. | 9,873. |
| | TOTAL | 2,109. | 1,162. | 10,083. |
| 25 BENTON CO | POINT | 17. | 2. | 88. |
| | AREA | 751. | 583. | 3,635. |
| | TOTAL | 768. | 585. | 3,723. |
| 25 BOLIVAR CO | POINT | 524. | 800. | 646. |
| | AREA | 4,309. | 2,473. | 21,245. |
| | TOTAL | 4,833. | 3,273. | 21,891. |
| 25 CALHOUN CO | POINT | 121. | 171. | 900. |
| | AREA | 1,319. | 850. | 5,140. |
| | TOTAL | 1,440. | 1,021. | 6,040. |
| 25 CARROLL CO | POINT | 98. | 3. | 2. |
| | AREA | 984. | 735. | 4,937. |
| | TOTAL | 1,082. | 738. | 4,939. |
| 25 CHICKASAW CO | POINT | 25. | 1. | 186. |
| | AREA | 3,985. | 1,029. | 7,381. |
| | TOTAL | 4,010. | 1,030. | 7,567. |
| 25 CHOCTAW CO | POINT | 0. | 1. | 0. |
| | AREA | 948. | 545. | 3,259. |
| | TOTAL | 948. | 546. | 3,259. |
| 25 CLAIBORNE CO | POINT | 176. | 222. | 434. |
| | AREA | 1,011. | 873. | 4,674. |
| | TOTAL | 1,187. | 1,095. | 5,108. |
| 25 CLARKE CO | POINT | 1,766. | 42. | 2,971. |
| | AREA | 1,538. | 1,004. | 6,829. |
| | TOTAL | 3,304. | 1,046. | 9,800. |
| 25 CLAY CO | POINT | 65. | 40. | 55. |
| | AREA | 2,141. | 970. | 8,191. |
| | TOTAL | 2,206. | 1,010. | 8,246. |
| 25 COAHOMA CO | POINT | 2,637. | 17. | 238. |
| | AREA | 3,873. | 1,936. | 18,152. |
| | TOTAL | 6,510. | 1,953. | 18,390. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 25 COPIAH CO | POINT | 580. | 143. | 1,716. |
| | AREA | 2,601. | 1,469. | 12,677. |
| | TOTAL | 3,181. | 1,612. | 14,393. |
| 25 COVINGTON CO | POINT | 753. | 2. | 10. |
| | AREA | 1,678. | 1,362. | 7,882. |
| | TOTAL | 2,431. | 1,364. | 7,892. |
| 25 DE SOTO CO | POINT | 178. | 3. | 405. |
| | AREA | 3,962. | 2,735. | 17,184. |
| | TOTAL | 4,140. | 2,738. | 17,589. |
| 25 FORREST CO | POINT | 568. | 1,056. | 208. |
| | AREA | 7,776. | 3,678. | 39,454. |
| | TOTAL | 8,344. | 4,734. | 39,662. |
| 25 FRANKLIN CO | POINT | 992. | 27. | 2,259. |
| | AREA | 718. | 503. | 3,319. |
| | TOTAL | 1,710. | 530. | 5,578. |
| 25 GEORGE CO | POINT | 4. | 38. | 11. |
| | AREA | 1,356. | 868. | 6,667. |
| | TOTAL | 1,360. | 906. | 6,678. |
| 25 GREENE CO | POINT | 0. | 0. | 3. |
| | AREA | 1,140. | 608. | 5,977. |
| | TOTAL | 1,140. | 608. | 5,980. |
| 25 GRENADA CO | POINT | 225. | 622. | 578. |
| | AREA | 2,552. | 1,220. | 11,704. |
| | TOTAL | 2,777. | 1,842. | 12,282. |
| 25 HANCOCK CO | POINT | 0. | 0. | 1. |
| | AREA | 3,663. | 1,522. | 21,071. |
| | TOTAL | 3,663. | 1,522. | 21,072. |
| 25 HARRISON CO | POINT | 377. | 14,076. | 856. |
| | AREA | 15,078. | 7,267. | 85,795. |
| | TOTAL | 15,455. | 21,343. | 86,651. |
| 25 HINDS CO | POINT | 1,322. | 3,764. | 462. |
| | AREA | 22,612. | 11,254. | 109,049. |
| | TOTAL | 23,934. | 15,018. | 109,511. |
| 25 HOLMES CO | POINT | 19. | 5. | 55. |
| | AREA | 2,092. | 1,281. | 11,310. |
| | TOTAL | 2,111. | 1,286. | 11,365. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 25 HUMPHREYS CO | POINT | 88. | 17. | 178. |
| | AREA | 1,202. | 764. | 6,254. |
| | TOTAL | 1,290. | 781. | 6,432. |
| 25 ISSAQUENA CO | POINT | 3. | 0. | 5. |
| | AREA | 786. | 492. | 3,103. |
| | TOTAL | 789. | 492. | 3,108. |
| 25 ITAWAMBA CO | POINT | 98. | 7. | 946. |
| | AREA | 1,878. | 1,098. | 6,681. |
| | TOTAL | 1,976. | 1,105. | 7,627. |
| 25 JACKSON CO | POINT | 8,754. | 6,234. | 6,240. |
| | AREA | 16,521. | 6,753. | 55,017. |
| | TOTAL | 25,275. | 12,987. | 61,257. |
| 25 JASPER CO | POINT | 979. | 321. | 69. |
| | AREA | 1,363. | 1,021. | 6,597. |
| | TOTAL | 2,342. | 1,342. | 6,666. |
| 25 JEFFERSON CO | POINT | 2. | 14. | 2. |
| | AREA | 864. | 816. | 3,637. |
| | TOTAL | 866. | 830. | 3,639. |
| 25 JEFFERSON DAVIS CO | POINT | 1. | 2. | 3. |
| | AREA | 849. | 615. | 4,009. |
| | TOTAL | 850. | 617. | 4,012. |
| 25 JONES CO | POINT | 229. | 3,566. | 211. |
| | AREA | 5,832. | 3,300. | 31,480. |
| | TOTAL | 6,061. | 6,866. | 31,691. |
| 25 KEMPER CO | POINT | 19. | 0. | 0. |
| | AREA | 838. | 614. | 4,178. |
| | TOTAL | 857. | 614. | 4,178. |
| 25 LAFAYETTE CO | POINT | 14. | 2. | 5. |
| | AREA | 2,221. | 1,127. | 10,696. |
| | TOTAL | 2,235. | 1,129. | 10,701. |
| 25 LAMAR CO | POINT | 8,222. | 29. | 9,540. |
| | AREA | 2,316. | 1,264. | 10,605. |
| | TOTAL | 10,538. | 1,293. | 20,145. |
| 25 LAUDERDALE CO | POINT | 103. | 511. | 171. |
| | AREA | 8,611. | 4,200. | 39,414. |
| | TOTAL | 8,714. | 4,711. | 39,585. |

| | | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | TYPE OF EMISSIONS | HC | NOX | CO |
| 25 LAWRENCE CO | POINT | 346. | 3,851. | 13,068. |
| | AREA | 1,041. | 682. | 4,854. |
| | TOTAL | 1,387. | 4,533. | 17,922. |
| 25 LEAKE CO | POINT | 1,452. | 132. | 17,060. |
| | AREA | 1,529. | 1,224. | 8,226. |
| | TOTAL | 2,981. | 1,356. | 25,286. |
| 25 LEE CO | POINT | 2,833. | 69. | 75. |
| | AREA | 6,824. | 3,218. | 24,159. |
| | TOTAL | 9,657. | 3,287. | 24,234. |
| 25 LEFLORE CO | POINT | 54. | 712. | 92. |
| | AREA | 3,856. | 2,312. | 20,678. |
| | TOTAL | 3,910. | 3,024. | 20,770. |
| 25 LINCOLN CO | POINT | 24. | 28. | 23. |
| | AREA | 3,142. | 1,725. | 17,409. |
| | TOTAL | 3,166. | 1,753. | 17,432. |
| 25 LOWNDES CO | POINT | 978. | 513. | 66. |
| | AREA | 5,505. | 2,723. | 23,822. |
| | TOTAL | 6,483. | 3,236. | 23,888. |
| 25 MADISON CO | POINT | 63. | 4. | 54. |
| | AREA | 3,021. | 1,842. | 15,332. |
| | TOTAL | 3,084. | 1,846. | 15,386. |
| 25 MARION CO | POINT | 5,392. | 39. | 3,071. |
| | AREA | 2,265. | 1,578. | 12,577. |
| | TOTAL | 7,657. | 1,617. | 15,648. |
| 25 MARSHALL CO | POINT | 0. | 0. | 0. |
| | AREA | 2,372. | 1,451. | 10,808. |
| | TOTAL | 2,372. | 1,451. | 10,808. |
| 25 MONROE CO | POINT | 10,191. | 6. | 28. |
| | AREA | 3,981. | 2,041. | 15,746. |
| | TOTAL | 14,172. | 2,047. | 15,774. |
| 25 MONTGOMERY CO | POINT | 8. | 2. | 74. |
| | AREA | 1,435. | 836. | 7,239. |
| | TOTAL | 1,443. | 838. | 7,313. |
| 25 NESHOBA CO | POINT | 100. | 19. | 1,183. |
| | AREA | 2,262. | 1,196. | 9,675. |
| | TOTAL | 2,362. | 1,215. | 10,858. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 25 NEWTON CO | POINT | 85. | 18. | 435. |
| | AREA | 1,847. | 1,216. | 8,342. |
| | TOTAL | 1,932. | 1,234. | 8,777. |
| 25 NOXUBEE CO | POINT | 4. | 47. | 11. |
| | AREA | 1,010. | 741. | 5,248. |
| | TOTAL | 1,014. | 788. | 5,259. |
| 25 OKTIBBEHA CO | POINT | 160. | 86. | 426. |
| | AREA | 2,454. | 1,246. | 11,380. |
| | TOTAL | 2,614. | 1,332. | 11,806. |
| 25 PANOLA CO | POINT | 6. | 4. | 7. |
| | AREA | 3,269. | 1,733. | 11,953. |
| | TOTAL | 3,275. | 1,737. | 11,960. |
| 25 PEARL RIVER CO | POINT | 191. | 59. | 1,079. |
| | AREA | 3,251. | 1,767. | 16,984. |
| | TOTAL | 3,442. | 1,826. | 18,063. |
| 25 PERRY CO | POINT | 679. | 30. | 2,991. |
| | AREA | 1,788. | 778. | 9,405. |
| | TOTAL | 2,467. | 808. | 12,396. |
| 25 PIKE CO | POINT | 266. | 31. | 2,802. |
| | AREA | 3,734. | 1,942. | 16,148. |
| | TOTAL | 4,000. | 1,973. | 18,950. |
| 25 PONTOTOC CO | POINT | 98. | 4. | 239. |
| | AREA | 1,897. | 1,034. | 6,802. |
| | TOTAL | 1,995. | 1,038. | 7,041. |
| 25 PRENTISS CO | POINT | 6. | 0. | 6. |
| | AREA | 2,286. | 1,210. | 8,211. |
| | TOTAL | 2,292. | 1,210. | 8,217. |
| 25 QUITMAN CO | POINT | 154. | 2. | 29. |
| | AREA | 929. | 666. | 4,346. |
| | TOTAL | 1,083. | 668. | 4,375. |
| 25 RANKIN CO | POINT | 42. | 270. | 647. |
| | AREA | 5,002. | 3,349. | 22,456. |
| | TOTAL | 5,044. | 3,619. | 23,103. |
| 25 SCOTT CO | POINT | 19. | 0. | 3. |
| | AREA | 2,864. | 1,643. | 14,239. |
| | TOTAL | 2,883. | 1,643. | 14,242. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 25 SHARKEY CO | POINT | 119. | 15. | 1,075. |
| | AREA | 753. | 486. | 3,775. |
| | TOTAL | 872. | 501. | 4,850. |
| 25 SIMPSON CO | POINT | 249. | 47. | 1,447. |
| | AREA | 2,435. | 1,380. | 9,065. |
| | TOTAL | 2,684. | 1,427. | 10,512. |
| 25 SMITH CO | POINT | 348. | 120. | 605. |
| | AREA | 1,688. | 923. | 6,447. |
| | TOTAL | 2,036. | 1,043. | 7,052. |
| 25 STONE CO | POINT | 311. | 1,281. | 973. |
| | AREA | 1,444. | 722. | 7,373. |
| | TOTAL | 1,755. | 2,003. | 8,346. |
| 25 SUNFLOWER CO | POINT | 625. | 136. | 1,594. |
| | AREA | 3,335. | 1,574. | 16,086. |
| | TOTAL | 3,960. | 1,710. | 17,680. |
| 25 TALLAHATCHIE CO | POINT | 72. | 9. | 728. |
| | AREA | 1,516. | 846. | 7,878. |
| | TOTAL | 1,588. | 855. | 8,606. |
| 25 TATE CO | POINT | 83. | 38. | 29. |
| | AREA | 1,554. | 980. | 7,071. |
| | TOTAL | 1,637. | 1,018. | 7,100. |
| 25 TIPPAH CO | POINT | 39. | 6. | 225. |
| | AREA | 2,357. | 961. | 6,746. |
| | TOTAL | 2,396. | 967. | 6,971. |
| 25 TISHOMINGO CO | POINT | 2,091. | 0. | 1. |
| | AREA | 1,930. | 954. | 6,302. |
| | TOTAL | 4,021. | 954. | 6,303. |
| 25 TUNICA CO | POINT | 13. | 2. | 30. |
| | AREA | 1,408. | 976. | 6,154. |
| | TOTAL | 1,421. | 978. | 6,184. |
| 25 UNION CO | POINT | 93. | 12. | 312. |
| | AREA | 2,387. | 1,322. | 10,662. |
| | TOTAL | 2,480. | 1,334. | 10,974. |
| 25 WALTHALL CO | POINT | 1. | 98. | 9. |
| | AREA | 1,123. | 936. | 5,443. |
| | TOTAL | 1,124. | 1,034. | 5,452. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 25 WARREN CO | POINT | 635. | 19,751. | 12,286. |
| | AREA | 4,637. | 2,988. | 20,972. |
| | TOTAL | 5,272. | 22,739. | 33,258. |
| 25 WASHINGTON CO | POINT | 569. | 14,532. | 1,231. |
| | AREA | 6,750. | 3,540. | 30,339. |
| | TOTAL | 7,319. | 18,072. | 31,570. |
| 25 WAYNE CO | POINT | 2,492. | 54. | 1,957. |
| | AREA | 2,006. | 989. | 9,220. |
| | TOTAL | 4,498. | 1,043. | 11,177. |
| 25 WEBSTER CO | POINT | 11. | 59. | 11. |
| | AREA | 893. | 623. | 3,540. |
| | TOTAL | 904. | 682. | 3,551. |
| 25 WILKINSON CO | POINT | 5. | 0. | 59. |
| | AREA | 1,022. | 879. | 4,144. |
| | TOTAL | 1,027. | 879. | 4,203. |
| 25 WINSTON CO | POINT | 214. | 15. | 432. |
| | AREA | 1,995. | 1,381. | 9,491. |
| | TOTAL | 2,209. | 1,396. | 9,923. |
| 25 YALOBUSHA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,608. | 765. | 6,535. |
| | TOTAL | 1,608. | 765. | 6,535. |
| 25 YAZOO CO | POINT | 354. | 6,192. | 196. |
| | AREA | 2,673. | 1,639. | 13,707. |
| | TOTAL | 3,027. | 7,831. | 13,903. |
| 26 ADAIR CO | POINT | 0. | 0. | 0. |
| | AREA | 3,093. | 1,260. | 10,856. |
| | TOTAL | 3,093. | 1,260. | 10,856. |
| 26 ANDREW CO | POINT | 0. | 0. | 0. |
| | AREA | 1,110. | 982. | 6,360. |
| | TOTAL | 1,110. | 982. | 6,360. |
| 26 ATCHISON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,091. | 887. | 5,672. |
| | TOTAL | 1,091. | 887. | 5,672. |
| 26 AUDRAIN CO | POINT | 43. | 92. | 23. |
| | AREA | 2,588. | 1,876. | 13,938. |
| | TOTAL | 2,631. | 1,968. | 13,961. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 26 BARRY CO | POINT | 0. | 1. | 0. |
| | AREA | 3,195. | 1,822. | 14,901. |
| | TOTAL | 3,195. | 1,823. | 14,901. |
| 26 BARTON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,420. | 982. | 7,125. |
| | TOTAL | 1,420. | 982. | 7,125. |
| 26 BATES CO | POINT | 0. | 0. | 0. |
| | AREA | 1,598. | 1,472. | 9,447. |
| | TOTAL | 1,598. | 1,472. | 9,447. |
| 26 BENTON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,755. | 1,038. | 7,969. |
| | TOTAL | 1,755. | 1,038. | 7,969. |
| 26 BOLLINGER CO | POINT | 0. | 0. | 0. |
| | AREA | 930. | 742. | 4,823. |
| | TOTAL | 930. | 742. | 4,823. |
| 26 BOONE CO | POINT | 71. | 1,427. | 165. |
| | AREA | 6,474. | 3,698. | 33,052. |
| | TOTAL | 6,545. | 5,125. | 33,217. |
| 26 BUCHANAN CO | POINT | 324. | 3,698. | 400. |
| | AREA | 10,073. | 4,385. | 42,882. |
| | TOTAL | 10,397. | 8,083. | 43,282. |
| 26 BUTLER CO | POINT | 0. | 0. | 0. |
| | AREA | 3,340. | 2,086. | 16,062. |
| | TOTAL | 3,340. | 2,086. | 16,062. |
| 26 CALDWELL CO | POINT | 0. | 0. | 0. |
| | AREA | 1,023. | 990. | 5,566. |
| | TOTAL | 1,023. | 990. | 5,566. |
| 26 CALLAWAY CO | POINT | 10. | 123. | 37. |
| | AREA | 2,642. | 1,892. | 13,793. |
| | TOTAL | 2,652. | 2,015. | 13,830. |
| 26 CAMDEN CO | POINT | 0. | 0. | 0. |
| | AREA | 3,205. | 1,280. | 12,738. |
| | TOTAL | 3,205. | 1,280. | 12,738. |
| 26 CAPE GIRARDEAU CO | POINT | 3. | 728. | 7. |
| | AREA | 5,721. | 2,858. | 24,343. |
| | TOTAL | 5,724. | 3,586. | 24,350. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 26 CARROLL CO | POINT | 0. | 0. | 0. |
| | AREA | 1,566. | 1,257. | 8,929. |
| | TOTAL | 1,566. | 1,257. | 8,929. |
| 26 CARTER CO | POINT | 0. | 0. | 0. |
| | AREA | 462. | 365. | 2,163. |
| | TOTAL | 462. | 365. | 2,163. |
| 26 CASS CO | POINT | 10. | 329. | 0. |
| | AREA | 4,714. | 3,162. | 25,741. |
| | TOTAL | 4,724. | 3,491. | 25,741. |
| 26 CEDAR CO | POINT | 0. | 0. | 0. |
| | AREA | 1,228. | 886. | 6,616. |
| | TOTAL | 1,228. | 886. | 6,616. |
| 26 CHARITON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,254. | 1,107. | 6,657. |
| | TOTAL | 1,254. | 1,107. | 6,657. |
| 26 CHRISTIAN CO | POINT | 123. | 1. | 1. |
| | AREA | 1,748. | 1,488. | 8,668. |
| | TOTAL | 1,871. | 1,489. | 8,669. |
| 26 CLARK CO | POINT | 0. | 0. | 0. |
| | AREA | 892. | 768. | 4,544. |
| | TOTAL | 892. | 768. | 4,544. |
| 26 CLAY CO | POINT | 21,698. | 152. | 16. |
| | AREA | 11,127. | 3,504. | 27,188. |
| | TOTAL | 32,825. | 3,656. | 27,204. |
| 26 CLINTON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,383. | 1,270. | 7,946. |
| | TOTAL | 1,383. | 1,270. | 7,946. |
| 26 COLE CO | POINT | 1,377. | 12. | 1. |
| | AREA | 4,789. | 2,807. | 26,153. |
| | TOTAL | 6,166. | 2,819. | 26,154. |
| 26 COOPER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,825. | 1,065. | 8,588. |
| | TOTAL | 1,825. | 1,065. | 8,588. |
| 26 CRAWFORD CO | POINT | 0. | 0. | 0. |
| | AREA | 1,995. | 1,136. | 12,369. |
| | TOTAL | 1,995. | 1,136. | 12,369. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 26 DADE CO | POINT | 0. | 0. | 0. |
| | AREA | 747. | 687. | 4,293. |
| | TOTAL | 747. | 687. | 4,293. |
| 26 DALLAS CO | POINT | 0. | 0. | 0. |
| | AREA | 947. | 911. | 5,397. |
| | TOTAL | 947. | 911. | 5,397. |
| 26 DAVIESS CO | POINT | 0. | 0. | 0. |
| | AREA | 889. | 867. | 5,074. |
| | TOTAL | 889. | 867. | 5,074. |
| 26 DE KALB CO | POINT | 0. | 0. | 0. |
| | AREA | 1,016. | 806. | 7,325. |
| | TOTAL | 1,016. | 806. | 7,325. |
| 26 DENT CO | POINT | 1,967. | 0. | 6,294. |
| | AREA | 1,427. | 948. | 7,300. |
| | TOTAL | 3,394. | 948. | 13,594. |
| 26 DOUGLAS CO | POINT | 0. | 0. | 0. |
| | AREA | 981. | 854. | 6,082. |
| | TOTAL | 981. | 854. | 6,082. |
| 26 DUNKLIN CO | POINT | 155. | 274. | 13. |
| | AREA | 3,475. | 2,237. | 17,642. |
| | TOTAL | 3,630. | 2,511. | 17,655. |
| 26 FRANKLIN CO | POINT | 13,359. | 51,223. | 2,849. |
| | AREA | 8,129. | 4,376. | 35,214. |
| | TOTAL | 21,488. | 55,599. | 38,063. |
| 26 GASCONADE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,756. | 1,178. | 8,503. |
| | TOTAL | 1,756. | 1,178. | 8,503. |
| 26 GENTRY CO | POINT | 0. | 0. | 0. |
| | AREA | 991. | 891. | 4,826. |
| | TOTAL | 991. | 891. | 4,826. |
| 26 GREENE CO | POINT | 2,974. | 8,260. | 613. |
| | AREA | 25,124. | 8,764. | 90,532. |
| | TOTAL | 28,098. | 17,024. | 91,145. |
| 26 GRUNDY CO | POINT | 306. | 41. | 1. |
| | AREA | 1,491. | 995. | 8,157. |
| | TOTAL | 1,797. | 1,036. | 8,158. |

| | TYPE OF | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 26 HARRISON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,212. | 1,127. | 7,101. |
| | TOTAL | 1,212. | 1,127. | 7,101. |
| 26 HENRY CO | POINT | 268. | 49,488. | 894. |
| | AREA | 2,191. | 1,465. | 12,086. |
| | TOTAL | 2,459. | 50,953. | 12,980. |
| 26 HICKORY CO | POINT | 0. | 0. | 0. |
| | AREA | 726. | 449. | 3,566. |
| | TOTAL | 726. | 449. | 3,566. |
| 26 HOLT CO | POINT | 0. | 0. | 0. |
| | AREA | 930. | 826. | 4,815. |
| | TOTAL | 930. | 826. | 4,815. |
| 26 HOWARD CO | POINT | 0. | 0. | 0. |
| | AREA | 1,210. | 850. | 6,569. |
| | TOTAL | 1,210. | 850. | 6,569. |
| 26 HOWELL CO | POINT | 0. | 0. | 0. |
| | AREA | 2,994. | 1,909. | 14,877. |
| | TOTAL | 2,994. | 1,909. | 14,877. |
| 26 IRON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,231. | 705. | 4,123. |
| | TOTAL | 1,231. | 705. | 4,123. |
| 26 JACKSON CO | POINT | 42,026. | 26,114. | 2,056. |
| | AREA | 80,622. | 33,699. | 363,831. |
| | TOTAL | 122,648. | 59,813. | 365,887. |
| 26 JASPER CO | POINT | 564. | 7,591. | 364. |
| | AREA | 10,733. | 5,755. | 53,225. |
| | TOTAL | 11,297. | 13,346. | 53,589. |
| 26 JEFFERSON CO | POINT | 4,649. | 12,580. | 630. |
| | AREA | 9,108. | 7,203. | 41,513. |
| | TOTAL | 13,757. | 19,783. | 42,143. |
| 26 JOHNSON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,663. | 1,942. | 15,574. |
| | TOTAL | 2,663. | 1,942. | 15,574. |
| 26 KNOX CO | POINT | 0. | 0. | 0. |
| | AREA | 631. | 675. | 3,880. |
| | TOTAL | 631. | 675. | 3,880. |

| | | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | TYPE OF EMISSIONS | HC | NOX | CO |
| 26 LACLEDE CO | POINT | 6. | 34. | 6. |
| | AREA | 2,926. | 1,718. | 14,235. |
| | TOTAL | 2,932. | 1,752. | 14,241. |
| 26 LAFAYETTE CO | POINT | 0. | 0. | 0. |
| | AREA | 3,277. | 2,315. | 18,573. |
| | TOTAL | 3,277. | 2,315. | 18,573. |
| 26 LAWRENCE CO | POINT | 75. | 91. | 79. |
| | AREA | 2,826. | 1,883. | 14,585. |
| | TOTAL | 2,901. | 1,974. | 14,664. |
| 26 LEWIS CO | POINT | 0. | 3. | 155. |
| | AREA | 1,180. | 1,112. | 7,435. |
| | TOTAL | 1,180. | 1,115. | 7,590. |
| 26 LINCOLN CO | POINT | 0. | 0. | 0. |
| | AREA | 2,133. | 1,625. | 10,546. |
| | TOTAL | 2,133. | 1,625. | 10,546. |
| 26 LINN CO | POINT | 0. | 0. | 0. |
| | AREA | 2,148. | 1,324. | 11,150. |
| | TOTAL | 2,148. | 1,324. | 11,150. |
| 26 LIVINGSTON CO | POINT | 5. | 254. | 16. |
| | AREA | 1,742. | 1,219. | 9,901. |
| | TOTAL | 1,747. | 1,473. | 9,917. |
| 26 MC DONALD CO | POINT | 0. | 0. | 0. |
| | AREA | 1,330. | 1,054. | 6,503. |
| | TOTAL | 1,330. | 1,054. | 6,503. |
| 26 MACON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,914. | 1,325. | 9,792. |
| | TOTAL | 1,914. | 1,325. | 9,792. |
| 26 MADISON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,080. | 761. | 5,956. |
| | TOTAL | 1,080. | 761. | 5,956. |
| 26 MARIES CO | POINT | 3. | 31. | 4. |
| | AREA | 656. | 558. | 3,634. |
| | TOTAL | 659. | 589. | 3,638. |
| 26 MARION CO | POINT | 5. | 2,994. | 8. |
| | AREA | 2,641. | 1,664. | 13,179. |
| | TOTAL | 2,646. | 4,658. | 13,187. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 26 MERCER CO | POINT | 0. | 0. | 0. |
| | AREA | 449. | 487. | 2,891. |
| | TOTAL | 449. | 487. | 2,891. |
| 26 MILLER CO | POINT | 1. | 12. | 1. |
| | AREA | 2,254. | 1,383. | 11,349. |
| | TOTAL | 2,255. | 1,395. | 11,350. |
| 26 MISSISSIPPI CO | POINT | 0. | 0. | 0. |
| | AREA | 1,868. | 1,095. | 9,763. |
| | TOTAL | 1,868. | 1,095. | 9,763. |
| 26 MONITEAU CO | POINT | 0. | 0. | 0. |
| | AREA | 1,246. | 947. | 6,142. |
| | TOTAL | 1,246. | 947. | 6,142. |
| 26 MONROE.CO | POINT | 0. | 0. | 0. |
| | AREA | 993. | 988. | 5,507. |
| | TOTAL | 993. | 988. | 5,507. |
| 26 MONTGOMERY CO | POINT | 1. | 1. | 1. |
| | AREA | 1,346. | 1,175. | 6,342. |
| | TOTAL | 1,347. | 1,176. | 6,343. |
| 26 MORGAN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,531. | 1,010. | 6,986. |
| | TOTAL | 1,531. | 1,010. | 6,986. |
| 26 NEW MADRID CO | POINT | 350. | 20,966. | 1,168. |
| | AREA | 2,277. | 1,516. | 10,328. |
| | TOTAL | 2,627. | 22,482. | 11,496. |
| 26 NEWTON CO | POINT | 1. | 2. | 186. |
| | AREA | 4,118. | 2,182. | 16,691. |
| | TOTAL | 4,119. | 2,184. | 16,877. |
| 26 NODAWAY CO | POINT | 0. | 0. | 0. |
| | AREA | 2,490. | 1,691. | 12,504. |
| | TOTAL | 2,490. | 1,691. | 12,504. |
| 26 OREGON CO | POINT | 0. | 0. | 0. |
| | AREA | 930. | 754. | 5,265. |
| | TOTAL | 930. | 754. | 5,265. |
| 26 OSAGE CO | POINT | 11. | 1,162. | 21. |
| | AREA | 1,186. | 952. | 5,879. |
| | TOTAL | 1,197. | 2,114. | 5,900. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 26 OZARK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,233. | 597. | 5,823. |
| | TOTAL | 1,233. | 597. | 5,823. |
| 26 PEMISCOT CO | POINT | 0. | 0. | 0. |
| | AREA | 2,453. | 1,466. | 11,874. |
| | TOTAL | 2,453. | 1,466. | 11,874. |
| 26 PERRY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,812. | 1,170. | 9,037. |
| | TOTAL | 1,812. | 1,170. | 9,037. |
| 26 PETTIS CO | POINT | 0. | 0. | 0. |
| | AREA | 4,176. | 2,382. | 20,582. |
| | TOTAL | 4,176. | 2,382. | 20,582. |
| 26 PHELPS CO | POINT | 6. | 91. | 11. |
| | AREA | 2,949. | 1,697. | 15,025. |
| | TOTAL | 2,955. | 1,788. | 15,036. |
| 26 PIKE CO | POINT | 5. | 850. | 24. |
| | AREA | 2,271. | 1,427. | 11,341. |
| | TOTAL | 2,276. | 2,277. | 11,365. |
| 26 PLATTE CO | POINT | 240. | 22,519. | 754. |
| | AREA | 3,619. | 2,231. | 11,929. |
| | TOTAL | 3,859. | 24,750. | 12,683. |
| 26 POLK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,894. | 1,410. | 11,060. |
| | TOTAL | 1,894. | 1,410. | 11,060. |
| 26 PULASKI CO | POINT | 0. | 0. | 0. |
| | AREA | 2,804. | 1,774. | 15,478. |
| | TOTAL | 2,804. | 1,774. | 15,478. |
| 26 PUTNAM CO | POINT | 0. | 0. | 0. |
| | AREA | 552. | 623. | 3,542. |
| | TOTAL | 552. | 623. | 3,542. |
| 26 RALLS CO | POINT | 0. | 3,120. | 0. |
| | AREA | 788. | 668. | 4,434. |
| | TOTAL | 788. | 3,788. | 4,434. |
| 26 RANDOLPH CO | POINT | 802. | 36,002. | 655. |
| | AREA | 2,211. | 1,530. | 11,593. |
| | TOTAL | 3,013. | 37,532. | 12,248. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 26 RAY CO | POINT | 21. | 4. | 0. |
| | AREA | 2,270. | 1,448. | 10,589. |
| | TOTAL | 2,291. | 1,452. | 10,589. |
| 26 REYNOLDS CO | POINT | 1. | 1. | 1. |
| | AREA | 664. | 493. | 3,145. |
| | TOTAL | 665. | 494. | 3,146. |
| 26 RIPLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 900. | 771. | 4,491. |
| | TOTAL | 900. | 771. | 4,491. |
| 26 ST CHARLES CO | POINT | 7,303. | 53,726. | 1,271. |
| | AREA | 11,959. | 6,865. | 55,328. |
| | TOTAL | 19,262. | 60,591. | 56,599. |
| 26 ST CLAIR CO | POINT | 0. | 0. | 0. |
| | AREA | 804. | 775. | 4,761. |
| | TOTAL | 804. | 775. | 4,761. |
| 26 ST FRANCOIS CO | POINT | 0. | 0. | 102. |
| | AREA | 3,718. | 2,398. | 20,136. |
| | TOTAL | 3,718. | 2,398. | 20,238. |
| 26 ST LOUIS | POINT | 8,432. | 5,297. | 39,769. |
| | AREA | 101,823. | 48,061. | 560,099. |
| | TOTAL | 110,255. | 53,358. | 599,868. |
| 26 ST LOUIS CO | POINT | 2,435. | 32,205. | 1,203. |
| | AREA | 65,350. | 19,151. | 142,830. |
| | TOTAL | 67,785. | 51,356. | 144,033. |
| 26 STE GENEVIEVE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,674. | 953. | 7,189. |
| | TOTAL | 1,674. | 953. | 7,189. |
| 26 SALINE CO | POINT | 5. | 163. | 18. |
| | AREA | 2,998. | 1,821. | 15,036. |
| | TOTAL | 3,003. | 1,984. | 15,054. |
| 26 SCHUYLER CO | POINT | 0. | 0. | 0. |
| | AREA | 535. | 550. | 3,167. |
| | TOTAL | 535. | 550. | 3,167. |
| 26 SCOTLAND CO | POINT | 0. | 0. | 0. |
| | AREA | 618. | 629. | 3,677. |
| | TOTAL | 618. | 629. | 3,677. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 26 SCOTT CO | POINT | 248. | 12. | 3. |
| | AREA | 3,477. | 2,172. | 16,937. |
| | TOTAL | 3,725. | 2,184. | 16,940. |
| 26 SHANNON CO | POINT | 0. | 0. | 0. |
| | AREA | 690. | 489. | 3,347. |
| | TOTAL | 690. | 489. | 3,347. |
| 26 SHELBY CO | POINT | 0. | 0. | 0. |
| | AREA | 998. | 889. | 4,855. |
| | TOTAL | 998. | 889. | 4,855. |
| 26 STODDARD CO | POINT | 0. | 0. | 0. |
| | AREA | 3,480. | 2,183. | 14,899. |
| | TOTAL | 3,480. | 2,183. | 14,899. |
| 26 STONE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,142. | 929. | 8,656. |
| | TOTAL | 2,142. | 929. | 8,656. |
| 26 SULLIVAN CO | POINT | 0. | 0. | 0. |
| | AREA | 807. | 826. | 4,731. |
| | TOTAL | 807. | 826. | 4,731. |
| 26 TANEY CO | POINT | 0. | 0. | 0. |
| | AREA | 2,247. | 1,262. | 9,581. |
| | TOTAL | 2,247. | 1,262. | 9,581. |
| 26 TEXAS CO | POINT | 0. | 0. | 0. |
| | AREA | 2,113. | 1,536. | 9,126. |
| | TOTAL | 2,113. | 1,536. | 9,126. |
| 26 VERNON CO | POINT | 14,468. | 4. | 21. |
| | AREA | 1,761. | 1,337. | 10,789. |
| | TOTAL | 16,229. | 1,341. | 10,810. |
| 26 WARREN CO | POINT | 124. | 0. | 0. |
| | AREA | 1,503. | 981. | 5,759. |
| | TOTAL | 1,627. | 981. | 5,759. |
| 26 WASHINGTON CO | POINT | 11. | 249. | 14. |
| | AREA | 1,341. | 985. | 6,738. |
| | TOTAL | 1,352. | 1,234. | 6,752. |
| 26 WAYNE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,558. | 741. | 5,255. |
| | TOTAL | 1,558. | 741. | 5,255. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 26 WEBSTER CO | POINT | 0. | 0. | 0. |
| | AREA | 2,135. | 1,653. | 11,425. |
| | TOTAL | 2,135. | 1,653. | 11,425. |
| 26 WORTH CO | POINT | 0. | 0. | 0. |
| | AREA | 370. | 379. | 2,197. |
| | TOTAL | 370. | 379. | 2,197. |
| 26 WRIGHT CO | POINT | 0. | 0. | 0. |
| | AREA | 1,964. | 1,283. | 10,453. |
| | TOTAL | 1,964. | 1,283. | 10,453. |
| 27 BEAVERHEAD CO | POINT | 56. | 21. | 665. |
| | AREA | 4,632. | 1,258. | 28,918. |
| | TOTAL | 4,688. | 1,279. | 29,583. |
| 27 BIG HORN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,166. | 825. | 8,139. |
| | TOTAL | 1,166. | 825. | 8,139. |
| 27 BLAINE CO | POINT | 0. | 0. | 0. |
| | AREA | 725. | 804. | 4,040. |
| | TOTAL | 725. | 804. | 4,040. |
| 27 BROADWATER CO | POINT | 110. | 10. | 1,300. |
| | AREA | 1,210. | 436. | 7,258. |
| | TOTAL | 1,320. | 446. | 8,558. |
| 27 CARBON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,088. | 806. | 8,067. |
| | TOTAL | 1,088. | 806. | 8,067. |
| 27 CARTER CO | POINT | 0. | 0. | 0. |
| | AREA | 373. | 281. | 2,924. |
| | TOTAL | 373. | 281. | 2,924. |
| 27 CASCADE CO | POINT | 1,396. | 115. | 10,608. |
| | AREA | 6,803. | 5,596. | 41,183. |
| | TOTAL | 8,199. | 5,711. | 51,791. |
| 27 CHOUTEAU CO | POINT | 0. | 0. | 0. |
| | AREA | 938. | 1,039. | 5,860. |
| | TOTAL | 938. | 1,039. | 5,860. |
| 27 CUSTER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,338. | 1,093. | 8,670. |
| | TOTAL | 1,338. | 1,093. | 8,670. |

| | TYPE OF | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 27 DANIELS CO | POINT | 0. | 0. | 0. |
| | AREA | 461. | 391. | 3,605. |
| | TOTAL | 461. | 391. | 3,605. |
| 27 DAWSON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,222. | 1,098. | 7,628. |
| | TOTAL | 1,222. | 1,098. | 7,628. |
| 27 DEER LODGE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,185. | 1,744. | 13,900. |
| | TOTAL | 2,185. | 1,744. | 13,900. |
| 27 FALLON CO | POINT | 0. | 0. | 0. |
| | AREA | 592. | 393. | 4,528. |
| | TOTAL | 592. | 393. | 4,528. |
| 27 FERGUS CO | POINT | 15. | 14. | 176. |
| | AREA | 1,750. | 1,116. | 13,823. |
| | TOTAL | 1,765. | 1,130. | 13,999. |
| 27 FLAT HEAD CO | POINT | 572. | 882. | 3,914. |
| | AREA | 8,850. | 4,159. | 59,571. |
| | TOTAL | 9,422. | 5,041. | 63,485. |
| 27 GALLATIN CO | POINT | 180. | 645. | 2,082. |
| | AREA | 5,356. | 2,849. | 37,228. |
| | TOTAL | 5,536. | 3,494. | 39,310. |
| 27 GARFIELD CO | POINT | 0. | 0. | 0. |
| | AREA | 592. | 262. | 3,275. |
| | TOTAL | 592. | 262. | 3,275. |
| 27 GLACIER CO | POINT | 662. | 137. | 12. |
| | AREA | 1,123. | 754. | 8,229. |
| | TOTAL | 1,785. | 891. | 8,241. |
| 27 GOLDEN VALLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 188. | 131. | 1,387. |
| | TOTAL | 188. | 131. | 1,387. |
| 27 GRANITE CO | POINT | 277. | 25. | 3,277. |
| | AREA | 1,480. | 456. | 9,132. |
| | TOTAL | 1,757. | 481. | 12,409. |
| 27 HILL CO | POINT | 0. | 0. | 0. |
| | AREA | 1,905. | 1,568. | 11,206. |
| | TOTAL | 1,905. | 1,568. | 11,206. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 27 JEFFERSON CO | POINT | 0. | 415. | 0. |
| | AREA | 1,701. | 837. | 10,397. |
| | TOTAL | 1,701. | 1,252. | 10,397. |
| 27 JUDITH BASIN CO | POINT | 0. | 0. | 0. |
| | AREA | 486. | 380. | 3,745. |
| | TOTAL | 486. | 380. | 3,745. |
| 27 LAKE CO | POINT | 207. | 123. | 2,222. |
| | AREA | 2,626. | 1,855. | 14,032. |
| | TOTAL | 2,833. | 1,978. | 16,254. |
| 27 LEWIS AND CLARK CO | POINT | 337. | 22. | 2,925. |
| | AREA | 6,545. | 2,969. | 46,095. |
| | TOTAL | 6,882. | 2,991. | 49,020. |
| 27 LIBERTY CO | POINT | 0. | 0. | 0. |
| | AREA | 344. | 406. | 2,202. |
| | TOTAL | 344. | 406. | 2,202. |
| 27 LINCOLN CO | POINT | 815. | 2,282. | 3,891. |
| | AREA | 4,271. | 1,989. | 22,543. |
| | TOTAL | 5,086. | 4,271. | 26,434. |
| 27 MC CONE CO | POINT | 0. | 0. | 0. |
| | AREA | 394. | 464. | 2,490. |
| | TOTAL | 394. | 464. | 2,490. |
| 27 MADISON CO | POINT | 0. | 0. | 0. |
| | AREA | 3,016. | 922. | 18,726. |
| | TOTAL | 3,016. | 922. | 18,726. |
| 27 MEAGHER CO | POINT | 53. | 4. | 637. |
| | AREA | 1,799. | 527. | 10,426. |
| | TOTAL | 1,852. | 531. | 11,063. |
| 27 MINERAL CO | POINT | 90. | 176. | 697. |
| | AREA | 1,137. | 446. | 6,127. |
| | TOTAL | 1,227. | 622. | 6,824. |
| 27 MISSOULA CO | POINT | 418. | 2,789. | 8,728. |
| | AREA | 8,016. | 4,792. | 39,268. |
| | TOTAL | 8,434. | 7,581. | 47,996. |
| 27 MUSSELSHELL CO | POINT | 0. | 0. | 0. |
| | AREA | 499. | 504. | 2,559. |
| | TOTAL | 499. | 504. | 2,559. |

| | | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | TYPE OF EMISSIONS | HC | NOX | CO |
| 27 PARK CO | POINT | 148. | 13. | 1,751. |
| | AREA | 3,312. | 1,158. | 22,107. |
| | TOTAL | 3,460. | 1,171. | 23,858. |
| 27 PETROLEUM CO | POINT | 0. | 0. | 0. |
| | AREA | 98. | 99. | 581. |
| | TOTAL | 98. | 99. | 581. |
| 27 PHILLIPS CO | POINT | 0. | 0. | 0. |
| | AREA | 817. | 767. | 4,724. |
| | TOTAL | 817. | 767. | 4,724. |
| 27 PONDERA CO | POINT | 0. | 0. | 0. |
| | AREA | 924. | 873. | 5,946. |
| | TOTAL | 924. | 873. | 5,946. |
| 27 POWDER RIVER CO | POINT | 0. | 0. | 0. |
| | AREA | 388. | 376. | 2,446. |
| | TOTAL | 388. | 376. | 2,446. |
| 27 POWELL CO | POINT | 53. | 55. | 622. |
| | AREA | 2,330. | 729. | 15,040. |
| | TOTAL | 2,383. | 784. | 15,662. |
| 27 PRAIRIE CO | POINT | 0. | 0. | 0. |
| | AREA | 268. | 268. | 1,482. |
| | TOTAL | 268. | 268. | 1,482. |
| 27 RAVALLI CO | POINT | 16. | 25. | 140. |
| | AREA | 3,557. | 1,731. | 24,111. |
| | TOTAL | 3,573. | 1,756. | 24,251. |
| 27 RICHLAND CO | POINT | 48. | 2,213. | 162. |
| | AREA | 1,134. | 1,086. | 6,314. |
| | TOTAL | 1,182. | 3,299. | 6,476. |
| 27 ROOSEVELT CO | POINT | 0. | 24. | 2. |
| | AREA | 1,313. | 1,082. | 9,347. |
| | TOTAL | 1,313. | 1,106. | 9,349. |
| 27 ROSEBUD CO | POINT | 338. | 20,328. | 1,129. |
| | AREA | 819. | 816. | 4,173. |
| | TOTAL | 1,157. | 21,144. | 5,302. |
| 27 SANDERS CO | POINT | 212. | 186. | 2,143. |
| | AREA | 2,605. | 1,103. | 14,654. |
| | TOTAL | 2,817. | 1,289. | 16,797. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 27 SHERIDAN CO | POINT | 0. | 0. | 0. |
| | AREA | 818. | 654. | 6,316. |
| | TOTAL | 818. | 654. | 6,316. |
| 27 SILVER BOW CO | POINT | 296. | 3,803. | 824. |
| | AREA | 4,336. | 2,558. | 31,981. |
| | TOTAL | 4,632. | 6,361. | 32,805. |
| 27 STILLWATER CO | POINT | 0. | 0. | 0. |
| | AREA | 645. | 657. | 3,681. |
| | TOTAL | 645. | 657. | 3,681. |
| 27 SWEET GRASS CO | POINT | 0. | 0. | 0. |
| | AREA | 497. | 374. | 3,602. |
| | TOTAL | 497. | 374. | 3,602. |
| 27 TETON CO | POINT | 0. | 0. | 0. |
| | AREA | 926. | 720. | 7,093. |
| | TOTAL | 926. | 720. | 7,093. |
| 27 TOOLE CO | POINT | 4,499. | 151. | 16,863. |
| | AREA | 691. | 614. | 4,266. |
| | TOTAL | 5,190. | 765. | 21,129. |
| 27 TREASURE CO | POINT | 0. | 0. | 0. |
| | AREA | 178. | 182. | 1,154. |
| | TOTAL | 178. | 182. | 1,154. |
| 27 VALLEY CO | POINT | 0. | 45. | 3. |
| | AREA | 1,435. | 1,232. | 8,613. |
| | TOTAL | 1,435. | 1,277. | 8,616. |
| 27 WHEATLAND CO | POINT | 0. | 0. | 0. |
| | AREA | 349. | 246. | 2,533. |
| | TOTAL | 349. | 246. | 2,533. |
| 27 WIBAUX CO | POINT | 0. | 0. | 0. |
| | AREA | 184. | 210. | 1,177. |
| | TOTAL | 184. | 210. | 1,177. |
| 27 YELLOWSTONE CO | POINT | 9,016. | 13,516. | 59,337. |
| | AREA | 8,646. | 7,235. | 49,543. |
| | TOTAL | 17,662. | 20,751. | 108,880. |
| 28 ADAMS CO | POINT | 7,114. | 876. | 515. |
| | AREA | 3,081. | 2,161. | 16,239. |
| | TOTAL | 10,195. | 3,037. | 16,754. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | <br>NOX | *<br>CO |
|---|---|---|---|---|
| 28 ANTELOPE CO | POINT | 0. | 0. | 0. |
| | AREA | 831. | 966. | 4,781. |
| | TOTAL | 831. | 966. | 4,781. |
| 28 ARTHUR CO | POINT | 0. | 0. | 0. |
| | AREA | 97. | 94. | 688. |
| | TOTAL | 97. | 94. | 688. |
| 28 BANNER CO | POINT | 0. | 0. | 0. |
| | AREA | 201. | 168. | 1,709. |
| | TOTAL | 201. | 168. | 1,709. |
| 28 BLAINE CO | POINT | 0. | 0. | 0. |
| | AREA | 125. | 141. | 802. |
| | TOTAL | 125. | 141. | 802. |
| 28 BOONE CO | POINT | 0. | 0. | 0. |
| | AREA | 660. | 879. | 4,129. |
| | TOTAL | 660. | 879. | 4,129. |
| 28 BOX BUTTE CO | POINT | 0. | 81. | 6. |
| | AREA | 1,539. | 850. | 8,926. |
| | TOTAL | 1,539. | 931. | 8,932. |
| 28 BOYD CO | POINT | 0. | 0. | 0. |
| | AREA | 359. | 401. | 2,317. |
| | TOTAL | 359. | 401. | 2,317. |
| 28 BROWN CO | POINT | 0. | 0. | 0. |
| | AREA | 420. | 494. | 2,590. |
| | TOTAL | 420. | 494. | 2,590. |
| 28 BUFFALO CO | POINT | 1. | 13. | 2. |
| | AREA | 4,828. | 2,969. | 24,836. |
| | TOTAL | 4,829. | 2,982. | 24,838. |
| 28 BURT CO | POINT | 0. | 0. | 0. |
| | AREA | 796. | 918. | 4,563. |
| | TOTAL | 796. | 918. | 4,563. |
| 28 BUTLER CO | POINT | 0. | 0. | 0. |
| | AREA | 873. | 1,013. | 5,111. |
| | TOTAL | 873. | 1,013. | 5,111. |
| 28 CASS CO | POINT | 0. | 775. | 0. |
| | AREA | 1,977. | 1,902. | 11,208. |
| | TOTAL | 1,977. | 2,677. | 11,208. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 28 CEDAR CO | POINT | 40. | 113. | 14. |
| | AREA | 951. | 1,100. | 5,450. |
| | TOTAL | 991. | 1,213. | 5,464. |
| 28 CHASE CO | POINT | 0. | 0. | 0. |
| | AREA | 410. | 503. | 2,438. |
| | TOTAL | 410. | 503. | 2,438. |
| 28 CHERRY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,039. | 842. | 6,258. |
| | TOTAL | 1,039. | 842. | 6,258. |
| 28 CHEYENNE CO | POINT | 72. | 204. | 29. |
| | AREA | 1,526. | 874. | 12,022. |
| | TOTAL | 1,598. | 1,078. | 12,051. |
| 28 CLAY CO | POINT | 0. | 0. | 0. |
| | AREA | 715. | 859. | 4,670. |
| | TOTAL | 715. | 859. | 4,670. |
| 28 COLFAX CO | POINT | 1. | 95. | 5. |
| | AREA | 930. | 1,003. | 5,604. |
| | TOTAL | 931. | 1,098. | 5,609. |
| 28 CUMING CO | POINT | 0. | 36. | 2. |
| | AREA | 1,203. | 1,322. | 8,168. |
| | TOTAL | 1,203. | 1,358. | 8,170. |
| 28 CUSTER CO | POINT | 52. | 139. | 18. |
| | AREA | 1,485. | 1,549. | 9,289. |
| | TOTAL | 1,537. | 1,688. | 9,307. |
| 28 DAKOTA CO | POINT | 13. | 158. | 22. |
| | AREA | 1,579. | 1,273. | 10,259. |
| | TOTAL | 1,592. | 1,431. | 10,281. |
| 28 DAWES CO | POINT | 37. | 5. | 50. |
| | AREA | 935. | 619. | 7,597. |
| | TOTAL | 972. | 624. | 7,647. |
| 28 DAWSON CO | POINT | 6. | 1,863. | 28. |
| | AREA | 3,916. | 2,452. | 20,983. |
| | TOTAL | 3,922. | 4,315. | 21,011. |
| 28 DEUEL CO | POINT | 0. | 0. | 0. |
| | AREA | 656. | 416. | 5,150. |
| | TOTAL | 656. | 416. | 5,150. |

|  | TYPE OF |  | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 28 DIXON CO | POINT | 89. | 217. | 27. |
|  | AREA | 573. | 658. | 3,200. |
|  | TOTAL | 662. | 875. | 3,227. |
| 28 DODGE CO | POINT | 163. | 2,843. | 365. |
|  | AREA | 3,447. | 2,804. | 20,040. |
|  | TOTAL | 3,610. | 5,647. | 20,405. |
| 28 DOUGLAS CO | POINT | 6,708. | 16,544. | 903. |
|  | AREA | 39,998. | 27,569. | 222,979. |
|  | TOTAL | 46,706. | 44,113. | 223,882. |
| 28 DUNDY CO | POINT | 0. | 0. | 0. |
|  | AREA | 303. | 383. | 1,871. |
|  | TOTAL | 303. | 383. | 1,871. |
| 28 FILLMORE CO | POINT | 14,279. | 0. | 0. |
|  | AREA | 750. | 955. | 5,075. |
|  | TOTAL | 15,029. | 955. | 5,075. |
| 28 FRANKLIN CO | POINT | 0. | 0. | 0. |
|  | AREA | 388. | 469. | 2,328. |
|  | TOTAL | 388. | 469. | 2,328. |
| 28 FRONTIER CO | POINT | 0. | 0. | 0. |
|  | AREA | 430. | 458. | 2,253. |
|  | TOTAL | 430. | 458. | 2,253. |
| 28 FURNAS CO | POINT | 122. | 321. | 43. |
|  | AREA | 608. | 717. | 3,283. |
|  | TOTAL | 730. | 1,038. | 3,326. |
| 28 GAGE CO | POINT | 44. | 376. | 216. |
|  | AREA | 2,152. | 1,982. | 11,199. |
|  | TOTAL | 2,196. | 2,358. | 11,415. |
| 28 GARDEN CO | POINT | 0. | 0. | 0. |
|  | AREA | 558. | 378. | 2,529. |
|  | TOTAL | 558. | 378. | 2,529. |
| 28 GARFIELD CO | POINT | 0. | 35. | 4. |
|  | AREA | 272. | 367. | 2,257. |
|  | TOTAL | 272. | 402. | 2,261. |
| 28 GOSPER CO | POINT | 0. | 0. | 0. |
|  | AREA | 271. | 340. | 1,811. |
|  | TOTAL | 271. | 340. | 1,811. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 28 GRANT CO | POINT | 0. | 0. | 0. |
| | AREA | 190. | 123. | 1,369. |
| | TOTAL | 190. | 123. | 1,369. |
| 28 GREELEY CO | POINT | 0. | 0. | 0. |
| | AREA | 311. | 380. | 2,124. |
| | TOTAL | 311. | 380. | 2,124. |
| 28 HALL CO | POINT | 21,787. | 630. | 23. |
| | AREA | 6,254. | 4,120. | 34,124. |
| | TOTAL | 28,041. | 4,750. | 34,147. |
| 28 HAMILTON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,541. | 1,363. | 9,945. |
| | TOTAL | 1,541. | 1,363. | 9,945. |
| 28 HARLAN CO | POINT | 0. | 6. | 0. |
| | AREA | 523. | 500. | 2,670. |
| | TOTAL | 523. | 506. | 2,670. |
| 28 HAYES CO | POINT | 0. | 0. | 0. |
| | AREA | 208. | 186. | 1,641. |
| | TOTAL | 208. | 186. | 1,641. |
| 28 HITCHCOCK CO | POINT | 0. | 0. | 0. |
| | AREA | 464. | 484. | 2,431. |
| | TOTAL | 464. | 484. | 2,431. |
| 28 HOLT CO | POINT | 0. | 0. | 0. |
| | AREA | 1,367. | 1,467. | 9,303. |
| | TOTAL | 1,367. | 1,467. | 9,303. |
| 28 HOOKER CO | POINT | 0. | 0. | 0. |
| | AREA | 148. | 206. | 1,459. |
| | TOTAL | 148. | 206. | 1,459. |
| 28 HOWARD CO | POINT | 0. | 0. | 0. |
| | AREA | 666. | 749. | 3,982. |
| | TOTAL | 666. | 749. | 3,982. |
| 28 JEFFERSON CO | POINT | 0. | 90. | 1. |
| | AREA | 1,014. | 1,044. | 6,048. |
| | TOTAL | 1,014. | 1,134. | 6,049. |
| 28 JOHNSON CO | POINT | 116. | 295. | 38. |
| | AREA | 443. | 525. | 2,507. |
| | TOTAL | 559. | 820. | 2,545. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | NOX | *<br>CO |
|---|---|---|---|---|
| 28 KEARNEY CO | POINT | 0. | 0. | 0. |
| | AREA | 800. | 767. | 4,799. |
| | TOTAL | 800. | 767. | 4,799. |
| 28 KEITH CO | POINT | 0. | 223. | 2. |
| | AREA | 2,285. | 1,242. | 12,270. |
| | TOTAL | 2,285. | 1,465. | 12,272. |
| 28 KEYA PAHA CO | POINT | 0. | 0. | 0. |
| | AREA | 178. | 192. | 1,264. |
| | TOTAL | 178. | 192. | 1,264. |
| 28 KIMBALL CO | POINT | 116. | 292. | 38. |
| | AREA | 1,084. | 521. | 8,919. |
| | TOTAL | 1,200. | 813. | 8,957. |
| 28 KNOX CO | POINT | 0. | 0. | 0. |
| | AREA | 1,003. | 1,148. | 6,094. |
| | TOTAL | 1,003. | 1,148. | 6,094. |
| 28 LANCASTER CO | POINT | 283. | 12,413. | 609. |
| | AREA | 18,417. | 12,711. | 103,423. |
| | TOTAL | 18,700. | 25,124. | 104,032. |
| 28 LINCOLN CO | POINT | 0. | 0. | 0. |
| | AREA | 4,601. | 3,182. | 28,051. |
| | TOTAL | 4,601. | 3,182. | 28,051. |
| 28 LOGAN CO | POINT | 0. | 0. | 0. |
| | AREA | 134. | 153. | 841. |
| | TOTAL | 134. | 153. | 841. |
| 28 LOUP CO | POINT | 0. | 0. | 0. |
| | AREA | 119. | 132. | 813. |
| | TOTAL | 119. | 132. | 813. |
| 28 MC PHERSON CO | POINT | 0. | 0. | 0. |
| | AREA | 101. | 111. | 657. |
| | TOTAL | 101. | 111. | 657. |
| 28 MADISON CO | POINT | 54. | 74. | 116. |
| | AREA | 2,983. | 2,449. | 17,369. |
| | TOTAL | 3,037. | 2,523. | 17,485. |
| 28 MERRICK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,048. | 944. | 6,314. |
| | TOTAL | 1,048. | 944. | 6,314. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 28 MORRILL CO | POINT | 17. | 262. | 35. |
| | AREA | 887. | 649. | 6,682. |
| | TOTAL | 904. | 911. | 6,717. |
| 28 NANCE CO | POINT | 0. | 0. | 0. |
| | AREA | 452. | 534. | 2,946. |
| | TOTAL | 452. | 534. | 2,946. |
| 28 NEMAHA CO | POINT | 215. | 420. | 59. |
| | AREA | 853. | 791. | 5,192. |
| | TOTAL | 1,068. | 1,211. | 5,251. |
| 28 NUCKOLLS CO | POINT | 51. | 310. | 1. |
| | AREA | 692. | 779. | 3,849. |
| | TOTAL | 743. | 1,089. | 3,850. |
| 28 OTOE CO | POINT | 432. | 1,681. | 289. |
| | AREA | 1,620. | 1,421. | 8,963. |
| | TOTAL | 2,052. | 3,102. | 9,252. |
| 28 PAWNEE CO | POINT | 0. | 0. | 2. |
| | AREA | 388. | 459. | 2,415. |
| | TOTAL | 388. | 459. | 2,417. |
| 28 PERKINS CO | POINT | 0. | 0. | 0. |
| | AREA | 349. | 414. | 2,096. |
| | TOTAL | 349. | 414. | 2,096. |
| 28 PHELPS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,112. | 883. | 5,785. |
| | TOTAL | 1,112. | 883. | 5,785. |
| 28 PIERCE CO | POINT | 0. | 8. | 0. |
| | AREA | 774. | 898. | 4,694. |
| | TOTAL | 774. | 906. | 4,694. |
| 28 PLATTE CO | POINT | 60. | 18. | 2. |
| | AREA | 3,076. | 2,497. | 16,743. |
| | TOTAL | 3,136. | 2,515. | 16,745. |
| 28 POLK CO | POINT | 0. | 0. | 0. |
| | AREA | 566. | 734. | 3,695. |
| | TOTAL | 566. | 734. | 3,695. |
| 28 RED WILLOW CO | POINT | 0. | 10. | 2. |
| | AREA | 1,510. | 987. | 6,482. |
| | TOTAL | 1,510. | 997. | 6,484. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 28 RICHARDSON CO | POINT | 117. | 335. | 49. |
| | AREA | 1,011. | 981. | 5,875. |
| | TOTAL | 1,128. | 1,316. | 5,924. |
| 28 ROCK CO | POINT | 0. | 0. | 0. |
| | AREA | 304. | 345. | 1,856. |
| | TOTAL | 304. | 345. | 1,856. |
| 28 SALINE CO | POINT | 167. | 481. | 89. |
| | AREA | 1,753. | 1,782. | 14,104. |
| | TOTAL | 1,920. | 2,263. | 14,193. |
| 28 SARPY CO | POINT | 6,948. | 3,602. | 691. |
| | AREA | 5,579. | 4,389. | 33,995. |
| | TOTAL | 12,527. | 7,991. | 34,686. |
| 28 SAUNDERS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,665. | 1,721. | 9,643. |
| | TOTAL | 1,665. | 1,721. | 9,643. |
| 28 SCOTTS BLUFF CO | POINT | 148. | 1,463. | 4,967. |
| | AREA | 4,244. | 2,560. | 30,225. |
| | TOTAL | 4,392. | 4,023. | 35,192. |
| 28 SEWARD CO | POINT | 1. | 7. | 1. |
| | AREA | 1,956. | 1,599. | 10,920. |
| | TOTAL | 1,957. | 1,606. | 10,921. |
| 28 SHERIDAN CO | POINT | 0. | 0. | 0. |
| | AREA | 964. | 774. | 6,963. |
| | TOTAL | 964. | 774. | 6,963. |
| 28 SHERMAN CO | POINT | 0. | 0. | 0. |
| | AREA | 465. | 517. | 2,768. |
| | TOTAL | 465. | 517. | 2,768. |
| 28 SIOUX CO | POINT | 0. | 0. | 0. |
| | AREA | 310. | 275. | 2,739. |
| | TOTAL | 310. | 275. | 2,739. |
| 28 STANTON CO | POINT | 0. | 24. | 0. |
| | AREA | 614. | 740. | 3,684. |
| | TOTAL | 614. | 764. | 3,684. |
| 28 THAYER CO | POINT | 2. | 35. | 8. |
| | AREA | 807. | 853. | 4,285. |
| | TOTAL | 809. | 888. | 4,293. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 28 THOMAS CO | POINT | 0. | 0. | 0. |
| | AREA | 141. | 148. | 916. |
| | TOTAL | 141. | 148. | 916. |
| 28 THURSTON CO | POINT | 0. | 0. | 0. |
| | AREA | 601. | 594. | 2,810. |
| | TOTAL | 601. | 594. | 2,810. |
| 28 VALLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 526. | 584. | 2,960. |
| | TOTAL | 526. | 584. | 2,960. |
| 28 WASHINGTON CO | POINT | 112. | 329. | 48. |
| | AREA | 1,330. | 1,235. | 7,809. |
| | TOTAL | 1,442. | 1,564. | 7,857. |
| 28 WAYNE CO | POINT | 235. | 788. | 124. |
| | AREA | 806. | 760. | 5,168. |
| | TOTAL | 1,041. | 1,548. | 5,292. |
| 28 WEBSTER CO | POINT | 69. | 190. | 26. |
| | AREA | 437. | 520. | 2,649. |
| | TOTAL | 506. | 710. | 2,675. |
| 28 WHEELER CO | POINT | 0. | 0. | 0. |
| | AREA | 132. | 171. | 884. |
| | TOTAL | 132. | 171. | 884. |
| 28 YORK CO | POINT | 0. | 0. | 0. |
| | AREA | 2,062. | 1,696. | 12,695. |
| | TOTAL | 2,062. | 1,696. | 12,695. |
| 29 CARSON CITY | POINT | 2,341. | 2,356. | 7,802. |
| | AREA | 3,031. | 1,501. | 18,856. |
| | TOTAL | 5,372. | 3,857. | 26,658. |
| 29 CHURCHILL CO | POINT | 82. | 10. | 2. |
| | AREA | 2,385. | 1,352. | 15,691. |
| | TOTAL | 2,467. | 1,362. | 15,693. |
| 29 CLARK CO | POINT | 1,414. | 82,430. | 5,809. |
| | AREA | 36,916. | 21,948. | 225,794. |
| | TOTAL | 38,330. | 104,378. | 231,603. |
| 29 DOUGLAS CO | POINT | 6. | 95. | 16. |
| | AREA | 1,973. | 1,084. | 14,058. |
| | TOTAL | 1,979. | 1,179. | 14,074. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 29 ELKO CO | POINT | 0. | 3. | 0. |
| | AREA | 2,758. | 1,148. | 19,823. |
| | TOTAL | 2,758. | 1,151. | 19,823. |
| 29 ESMERALDA CO | POINT | 0. | 13. | 1. |
| | AREA | 114. | 62. | 706. |
| | TOTAL | 114. | 75. | 707. |
| 29 EUREKA CO | POINT | 0. | 3. | 0. |
| | AREA | 151. | 110. | 1,226. |
| | TOTAL | 151. | 113. | 1,226. |
| 29 HUMBOLDT CO | POINT | 0. | 21. | 2. |
| | AREA | 1,100. | 495. | 8,040. |
| | TOTAL | 1,100. | 516. | 8,042. |
| 29 LANDER CO | POINT | 0. | 0. | 0. |
| | AREA | 452. | 271. | 3,071. |
| | TOTAL | 452. | 271. | 3,071. |
| 29 LINCOLN CO | POINT | 0. | 0. | 0. |
| | AREA | 366. | 205. | 2,556. |
| | TOTAL | 366. | 205. | 2,556. |
| 29 LYON CO | POINT | 18. | 7,836. | 135. |
| | AREA | 1,425. | 843. | 10,951. |
| | TOTAL | 1,443. | 8,679. | 11,086. |
| 29 MINERAL CO | POINT | 10. | 26. | 6. |
| | AREA | 1,148. | 416. | 8,858. |
| | TOTAL | 1,158. | 442. | 8,864. |
| 29 NYE CO | POINT | 1,165. | 14. | 1. |
| | AREA | 872. | 484. | 6,537. |
| | TOTAL | 2,037. | 498. | 6,538. |
| 29 PERSHING CO | POINT | 0. | 0. | 0. |
| | AREA | 607. | 264. | 3,505. |
| | TOTAL | 607. | 264. | 3,505. |
| 29 STOREY CO | POINT | 12. | 2,644. | 66. |
| | AREA | 156. | 75. | 1,142. |
| | TOTAL | 168. | 2,719. | 1,208. |
| 29 WASHOE CO | POINT | 95. | 5. | 0. |
| | AREA | 20,563. | 8,047. | 153,499. |
| | TOTAL | 20,658. | 8,052. | 153,499. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 29 WHITE PINE CO | POINT | 50. | 750. | 100. |
| | AREA | 1,563. | 681. | 12,456. |
| | TOTAL | 1,613. | 1,431. | 12,556. |
| 30 BELKNAP CO | POINT | 556. | 110. | 528. |
| | AREA | 3,842. | 1,985. | 19,574. |
| | TOTAL | 4,398. | 2,095. | 20,102. |
| 30 CARROLL CO | POINT | 264. | 81. | 588. |
| | AREA | 2,325. | 1,457. | 9,310. |
| | TOTAL | 2,589. | 1,538. | 9,898. |
| 30 CHESHIRE CO | POINT | 1,501. | 338. | 1,528. |
| | AREA | 5,351. | 2,798. | 24,242. |
| | TOTAL | 6,852. | 3,136. | 25,770. |
| 30 COOS CO | POINT | 679. | 2,617. | 6,849. |
| | AREA | 3,515. | 1,786. | 16,669. |
| | TOTAL | 4,194. | 4,403. | 23,518. |
| 30 GRAFTON CO | POINT | 473. | 446. | 1,130. |
| | AREA | 6,919. | 3,080. | 28,376. |
| | TOTAL | 7,392. | 3,526. | 29,506. |
| 30 HILLSBOROUGH CO | POINT | 7,676. | 1,115. | 3,707. |
| | AREA | 30,866. | 11,220. | 136,386. |
| | TOTAL | 38,542. | 12,335. | 140,093. |
| 30 MERRIMACK CO | POINT | 6,302. | 27,476. | 1,174. |
| | AREA | 8,008. | 3,670. | 36,985. |
| | TOTAL | 14,310. | 31,146. | 38,159. |
| 30 ROCKINGHAM CO | POINT | 4,838. | 8,198. | 3,089. |
| | AREA | 14,737. | 7,684. | 71,571. |
| | TOTAL | 19,575. | 15,882. | 74,660. |
| 30 STRAFFORD CO | POINT | 1,322. | 499. | 2,094. |
| | AREA | 8,436. | 2,418. | 28,868. |
| | TOTAL | 9,758. | 2,917. | 30,962. |
| 30 SULLIVAN CO | POINT | 284. | 192. | 809. |
| | AREA | 3,151. | 1,353. | 13,850. |
| | TOTAL | 3,435. | 1,545. | 14,659. |
| 31 ATLANTIC CO | POINT | 1. | 93. | 6. |
| | AREA | 13,971. | 7,186. | 68,932. |
| | TOTAL | 13,972. | 7,279. | 68,938. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 31 BERGEN CO | POINT | 16,572. | 9,631. | 2,485. |
| | AREA | 95,454. | 36,064. | 398,761. |
| | TOTAL | 112,026. | 45,695. | 401,246. |
| 31 BURLINGTON CO | POINT | 1,582. | 8,362. | 23,707. |
| | AREA | 26,132. | 12,538. | 126,256. |
| | TOTAL | 27,714. | 20,900. | 149,963. |
| 31 CAMDEN CO | POINT | 1,222. | 3,883. | 1,695. |
| | AREA | 38,281. | 17,513. | 186,939. |
| | TOTAL | 39,503. | 21,396. | 188,634. |
| 31 CAPE MAY CO | POINT | 121. | 8,257. | 443. |
| | AREA | 5,959. | 4,061. | 31,771. |
| | TOTAL | 6,080. | 12,318. | 32,214. |
| 31 CUMBERLAND CO | POINT | 55. | 1,474. | 5,063. |
| | AREA | 15,172. | 7,854. | 79,162. |
| | TOTAL | 15,227. | 9,328. | 84,225. |
| 31 ESSEX CO | POINT | 4,745. | 7,748. | 2,187. |
| | AREA | 78,925. | 34,286. | 342,980. |
| | TOTAL | 83,670. | 42,034. | 345,167. |
| 31 GLOUCESTER CO | POINT | 136,282. | 9,982. | 97,759. |
| | AREA | 16,153. | 8,414. | 80,888. |
| | TOTAL | 152,435. | 18,396. | 178,647. |
| 31 HUDSON CO | POINT | 27,232. | 29,302. | 3,059. |
| | AREA | 55,515. | 22,732. | 274,448. |
| | TOTAL | 82,747. | 52,034. | 277,507. |
| 31 HUNTERDON CO | POINT | 20. | 1,232. | 70. |
| | AREA | 7,695. | 5,056. | 29,223. |
| | TOTAL | 7,715. | 6,288. | 29,293. |
| 31 MERCER CO | POINT | 2,856. | 17,877. | 1,031. |
| | AREA | 33,745. | 13,194. | 131,810. |
| | TOTAL | 36,601. | 31,071. | 132,841. |
| 31 MIDDLESEX CO | POINT | 23,281. | 20,090. | 68,968. |
| | AREA | 61,381. | 24,231. | 271,599. |
| | TOTAL | 84,662. | 44,321. | 340,567. |
| 31 MONMOUTH CO | POINT | 73. | 305. | 68. |
| | AREA | 37,431. | 18,037. | 178,691. |
| | TOTAL | 37,504. | 18,342. | 178,759. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 31 MORRIS CO | POINT | 107. | 2,932. | 123. |
| | AREA | 38,864. | 15,958. | 160,198. |
| | TOTAL | 38,971. | 18,890. | 160,321. |
| 31 OCEAN CO | POINT | 17. | 228. | 31. |
| | AREA | 24,678. | 15,056. | 125,379. |
| | TOTAL | 24,695. | 15,284. | 125,410. |
| 31 PASSAIC CO | POINT | 819. | 1,677. | 317. |
| | AREA | 50,355. | 17,923. | 194,650. |
| | TOTAL | 51,174. | 19,600. | 194,967. |
| 31 SALEM CO | POINT | 5,404. | 5,897. | 985. |
| | AREA | 5,894. | 3,844. | 30,692. |
| | TOTAL | 11,298. | 9,741. | 31,677. |
| 31 SOMERSET CO | POINT | 147. | 993. | 66. |
| | AREA | 18,334. | 7,418. | 64,809. |
| | TOTAL | 18,481. | 8,411. | 64,875. |
| 31 SUSSEX CO | POINT | 0. | 0. | 0. |
| | AREA | 7,967. | 5,166. | 38,228. |
| | TOTAL | 7,967. | 5,166. | 38,228. |
| 31 UNION CO | POINT | 60,384. | 15,864. | 16,998. |
| | AREA | 68,118. | 24,804. | 290,613. |
| | TOTAL | 128,502. | 40,668. | 307,611. |
| 31 WARREN CO | POINT | 801. | 1,056. | 7,270. |
| | AREA | 10,171. | 4,314. | 35,333. |
| | TOTAL | 10,972. | 5,370. | 42,603. |
| 32 BERNALILLO CO | POINT | 232. | 10,925. | 30. |
| | AREA | 44,937. | 19,753. | 327,093. |
| | TOTAL | 45,169. | 30,678. | 327,123. |
| 32 CATRON CO | POINT | 66. | 6. | 780. |
| | AREA | 894. | 350. | 6,153. |
| | TOTAL | 960. | 356. | 6,933. |
| 32 CHAVES CO | POINT | 1,244. | 1,039. | 95. |
| | AREA | 5,740. | 2,665. | 39,467. |
| | TOTAL | 6,984. | 3,704. | 39,562. |
| 32 COLFAX CO | POINT | 95. | 149. | 1,032. |
| | AREA | 2,281. | 941. | 16,487. |
| | TOTAL | 2,376. | 1,090. | 17,519. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 32 CURRY CO | POINT | 0. | 0. | 0. |
| | AREA | 4,517. | 2,275. | 31,248. |
| | TOTAL | 4,517. | 2,275. | 31,248. |
| 32 DE BACA CO | POINT | 0. | 0. | 0. |
| | AREA | 645. | 392. | 5,174. |
| | TOTAL | 645. | 392. | 5,174. |
| 32 DONA ANA CO | POINT | 43. | 2,588. | 96. |
| | AREA | 8,623. | 4,417. | 66,640. |
| | TOTAL | 8,666. | 7,005. | 66,736. |
| 32 EDDY CO | POINT | 4,039. | 3,328. | 4,938. |
| | AREA | 4,454. | 3,260. | 26,147. |
| | TOTAL | 8,493. | 6,588. | 31,085. |
| 32 GRANT CO | POINT | 70. | 2,235. | 205. |
| | AREA | 2,934. | 1,526. | 22,897. |
| | TOTAL | 3,004. | 3,761. | 23,102. |
| 32 GUADALUPE CO | POINT | 16. | 3. | 48. |
| | AREA | 1,993. | 960. | 15,185. |
| | TOTAL | 2,009. | 963. | 15,233. |
| 32 HARDING CO | POINT | 0. | 0. | 0. |
| | AREA | 267. | 128. | 1,729. |
| | TOTAL | 267. | 128. | 1,729. |
| 32 HIDALGO CO | POINT | 36. | 1,394. | 29. |
| | AREA | 1,571. | 593. | 12,271. |
| | TOTAL | 1,607. | 1,987. | 12,300. |
| 32 LEA CO | POINT | 15,632. | 8,274. | 505. |
| | AREA | 5,651. | 4,226. | 35,576. |
| | TOTAL | 21,283. | 12,500. | 36,081. |
| 32 LINCOLN CO | POINT | 907. | 84. | 22. |
| | AREA | 1,644. | 935. | 11,932. |
| | TOTAL | 2,551. | 1,019. | 11,954. |
| 32 LOS ALAMOS CO | POINT | 1. | 946. | 25. |
| | AREA | 1,399. | 737. | 11,089. |
| | TOTAL | 1,400. | 1,683. | 11,114. |
| 32 LUNA CO | POINT | 790. | 393. | 36. |
| | AREA | 2,903. | 1,184. | 24,895. |
| | TOTAL | 3,693. | 1,577. | 24,931. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 32 MC KINLEY CO | POINT | 6,271. | 769. | 84. |
| | AREA | 9,988. | 6,332. | 60,288. |
| | TOTAL | 16,259. | 7,101. | 60,372. |
| 32 MORA CO | POINT | 0. | 0. | 0. |
| | AREA | 595. | 367. | 4,867. |
| | TOTAL | 595. | 367. | 4,867. |
| 32 OTERO CO | POINT | 194. | 17. | 2,303. |
| | AREA | 7,132. | 3,067. | 51,264. |
| | TOTAL | 7,326. | 3,084. | 53,567. |
| 32 QUAY CO | POINT | 243. | 1,477. | 20. |
| | AREA | 2,923. | 1,179. | 25,096. |
| | TOTAL | 3,166. | 2,656. | 25,116. |
| 32 RIO ARRIBA CO | POINT | 587. | 199. | 2,728. |
| | AREA | 2,408. | 1,708. | 17,477. |
| | TOTAL | 2,995. | 1,907. | 20,205. |
| 32 ROOSEVELT CO | POINT | 471. | 137. | 14. |
| | AREA | 2,086. | 1,097. | 16,880. |
| | TOTAL | 2,557. | 1,234. | 16,894. |
| 32 SANDOVAL CO | POINT | 157. | 905. | 1,560. |
| | AREA | 4,241. | 2,523. | 34,032. |
| | TOTAL | 4,398. | 3,428. | 35,592. |
| 32 SAN JUAN CO | POINT | 7,593. | 103,066. | 4,978. |
| | AREA | 4,648. | 3,295. | 29,766. |
| | TOTAL | 12,241. | 106,361. | 34,744. |
| 32 SAN MIGUEL CO | POINT | 88. | 68. | 990. |
| | AREA | 3,862. | 1,545. | 32,123. |
| | TOTAL | 3,950. | 1,613. | 33,113. |
| 32 SANTA FE CO | POINT | 0. | 0. | 0. |
| | AREA | 7,907. | 3,618. | 61,772. |
| | TOTAL | 7,907. | 3,618. | 61,772. |
| 32 SIERRA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,790. | 606. | 12,358. |
| | TOTAL | 1,790. | 606. | 12,358. |
| 32 SOCORRO CO | POINT | 0. | 0. | 0. |
| | AREA | 2,503. | 976. | 19,689. |
| | TOTAL | 2,503. | 976. | 19,689. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 32 TAOS CO | POINT | 546. | 956. | 1,369. |
| | AREA | 1,803. | 1,178. | 12,865. |
| | TOTAL | 2,349. | 2,134. | 14,234. |
| 32 TORRANCE CO | POINT | 440. | 0. | 7. |
| | AREA | 1,992. | 1,008. | 15,710. |
| | TOTAL | 2,432. | 1,008. | 15,717. |
| 32 UNION CO | POINT | 107. | 729. | 2. |
| | AREA | 987. | 478. | 8,482. |
| | TOTAL | 1,094. | 1,207. | 8,484. |
| 32 VALENCIA CO | POINT | 923. | 234. | 591. |
| | AREA | 6,247. | 3,571. | 50,559. |
| | TOTAL | 7,170. | 3,805. | 51,150. |
| 33 ALBANY CO | POINT | 3,948. | 11,280. | 548. |
| | AREA | 18,811. | 9,979. | 100,652. |
| | TOTAL | 22,759. | 21,259. | 101,200. |
| 33 ALLEGANY CO | POINT | 133. | 26. | 8. |
| | AREA | 4,207. | 2,390. | 17,191. |
| | TOTAL | 4,340. | 2,416. | 17,199. |
| 33 BRONX CO | POINT | 120. | 1,070. | 928. |
| | AREA | 53,556. | 21,484. | 240,569. |
| | TOTAL | 53,676. | 22,554. | 241,497. |
| 33 BROOME CO | POINT | 1,600. | 4,663. | 300. |
| | AREA | 24,275. | 8,974. | 95,150. |
| | TOTAL | 25,875. | 13,637. | 95,450. |
| 33 CATTARAUGUS CO | POINT | 490. | 618. | 37. |
| | AREA | 6,879. | 3,970. | 29,922. |
| | TOTAL | 7,369. | 4,588. | 29,959. |
| 33 CAYUGA CO | POINT | 203. | 133. | 15. |
| | AREA | 7,607. | 3,804. | 34,279. |
| | TOTAL | 7,810. | 3,937. | 34,294. |
| 33 CHAUTAUQUA CO | POINT | 2,035. | 13,118. | 758. |
| | AREA | 13,864. | 6,580. | 58,112. |
| | TOTAL | 15,899. | 19,698. | 58,870. |
| 33 CHEMUNG CO | POINT | 279. | 124. | 435. |
| | AREA | 10,416. | 4,083. | 41,937. |
| | TOTAL | 10,695. | 4,207. | 42,372. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 33 CHENANGO CO | POINT | 302. | 2,664. | 349. |
| | AREA | 3,807. | 2,691. | 17,044. |
| | TOTAL | 4,109. | 5,355. | 17,393. |
| 33 CLINTON CO | POINT | 604. | 1,112. | 96. |
| | AREA | 6,565. | 3,097. | 27,083. |
| | TOTAL | 7,169. | 4,209. | 27,179. |
| 33 COLUMBIA CO | POINT | 264. | 58. | 6. |
| | AREA | 4,596. | 3,075. | 20,993. |
| | TOTAL | 4,860. | 3,133. | 20,999. |
| 33 CORTLAND CO | POINT | 350. | 34. | 7. |
| | AREA | 5,088. | 2,041. | 17,841. |
| | TOTAL | 5,438. | 2,075. | 17,848. |
| 33 DELAWARE CO | POINT | 205. | 173. | 24. |
| | AREA | 3,921. | 2,362. | 17,101. |
| | TOTAL | 4,126. | 2,535. | 17,125. |
| 33 DUTCHESS CO | POINT | 4,036. | 3,718. | 406. |
| | AREA | 21,848. | 10,458. | 90,240. |
| | TOTAL | 25,884. | 14,176. | 90,646. |
| 33 ERIE CO | POINT | 6,486. | 27,689. | 3,232. |
| | AREA | 79,288. | 33,425. | 346,301. |
| | TOTAL | 85,774. | 61,114. | 349,533. |
| 33 ESSEX CO | POINT | 19. | 1,040. | 87. |
| | AREA | 3,475. | 1,832. | 15,625. |
| | TOTAL | 3,494. | 2,872. | 15,712. |
| 33 FRANKLIN CO | POINT | 12. | 164. | 21. |
| | AREA | 3,485. | 1,971. | 17,325. |
| | TOTAL | 3,497. | 2,135. | 17,346. |
| 33 FULTON CO | POINT | 36. | 184. | 16. |
| | AREA | 4,703. | 2,050. | 19,646. |
| | TOTAL | 4,739. | 2,234. | 19,662. |
| 33 GENESEE CO | POINT | 118. | 255. | 30. |
| | AREA | 5,173. | 3,147. | 23,719. |
| | TOTAL | 5,291. | 3,402. | 23,749. |
| 33 GREENE CO | POINT | 8. | 1,751. | 3. |
| | AREA | 3,194. | 2,259. | 15,142. |
| | TOTAL | 3,202. | 4,010. | 15,145. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS<br>NOX | *<br>CO |
|---|---|---|---|---|
| 33 HAMILTON CO | POINT | 11. | 0. | 0. |
| | AREA | 1,076. | 307. | 4,283. |
| | TOTAL | 1,087. | 307. | 4,283. |
| 33 HERKIMER CO | POINT | 169. | 234. | 32. |
| | AREA | 7,404. | 2,896. | 27,354. |
| | TOTAL | 7,573. | 3,130. | 27,386. |
| 33 JEFFERSON CO | POINT | 183. | 1,025. | 155. |
| | AREA | 7,863. | 4,337. | 38,224. |
| | TOTAL | 8,046. | 5,362. | 38,379. |
| 33 KINGS CO | POINT | 1,659. | 1,883. | 9,514. |
| | AREA | 124,680. | 45,970. | 488,708. |
| | TOTAL | 126,339. | 47,853. | 498,222. |
| 33 LEWIS CO | POINT | 1,170. | 475. | 44. |
| | AREA | 2,124. | 1,376. | 9,394. |
| | TOTAL | 3,294. | 1,851. | 9,438. |
| 33 LIVINGSTON CO | POINT | 252. | 176. | 19. |
| | AREA | 4,768. | 2,781. | 21,676. |
| | TOTAL | 5,020. | 2,957. | 21,695. |
| 33 MADISON CO | POINT | 145. | 21. | 3. |
| | AREA | 5,239. | 3,035. | 26,998. |
| | TOTAL | 5,384. | 3,056. | 27,001. |
| 33 MONROE CO | POINT | 35,813. | 26,134. | 1,261. |
| | AREA | 54,161. | 22,467. | 232,029. |
| | TOTAL | 89,974. | 48,601. | 233,290. |
| 33 MONTGOMERY CO | POINT | 200. | 289. | 26. |
| | AREA | 5,230. | 2,599. | 23,525. |
| | TOTAL | 5,430. | 2,888. | 23,551. |
| 33 NASSAU CO | POINT | 12,600. | 14,484. | 20,855. |
| | AREA | 117,364. | 47,957. | 597,812. |
| | TOTAL | 129,964. | 62,441. | 618,667. |
| 33 NEW YORK CO | POINT | 590. | 16,945. | 10,205. |
| | AREA | 127,537. | 38,207. | 229,258. |
| | TOTAL | 128,127. | 55,152. | 239,463. |
| 33 NIAGARA CO | POINT | 5,066. | 4,418. | 7,060. |
| | AREA | 21,942. | 9,704. | 99,297. |
| | TOTAL | 27,008. | 14,122. | 106,357. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 33 ONEIDA CO | POINT | 684. | 1,354. | 180. |
| | AREA | 21,594. | 10,441. | 100,968. |
| | TOTAL | 22,278. | 11,795. | 101,148. |
| 33 ONONDAGA CO | POINT | 2,958. | 8,211. | 2,661. |
| | AREA | 38,118. | 16,415. | 165,472. |
| | TOTAL | 41,076. | 24,626. | 168,133. |
| 33 ONTARIO CO | POINT | 757. | 82. | 10. |
| | AREA | 7,277. | 4,114. | 32,119. |
| | TOTAL | 8,034. | 4,196. | 32,129. |
| 33 ORANGE CO | POINT | 1,109. | 28,647. | 1,854. |
| | AREA | 18,587. | 9,686. | 92,671. |
| | TOTAL | 19,696. | 38,333. | 94,525. |
| 33 ORLEANS CO | POINT | 251. | 64. | 7. |
| | AREA | 2,868. | 2,070. | 14,606. |
| | TOTAL | 3,119. | 2,134. | 14,613. |
| 33 OSWEGO CO | POINT | 614. | 17,826. | 945. |
| | AREA | 8,726. | 4,597. | 41,641. |
| | TOTAL | 9,340. | 22,423. | 42,586. |
| 33 OTSEGO CO | POINT | 18. | 387. | 39. |
| | AREA | 4,275. | 2,845. | 20,950. |
| | TOTAL | 4,293. | 3,232. | 20,989. |
| 33 PUTNAM CO | POINT | 123. | 27. | 4. |
| | AREA | 4,753. | 3,014. | 24,417. |
| | TOTAL | 4,876. | 3,041. | 24,421. |
| 33 QUEENS CO | POINT | 1,558. | 51,524. | 7,554. |
| | AREA | 112,168. | 43,180. | 496,000. |
| | TOTAL | 113,726. | 94,704. | 503,554. |
| 33 RENSSELAER CO | POINT | 1,613. | 684. | 65. |
| | AREA | 11,051. | 5,598. | 56,500. |
| | TOTAL | 12,664. | 6,282. | 56,565. |
| 33 RICHMOND CO | POINT | 1,064. | 10,173. | 614. |
| | AREA | 16,911. | 9,302. | 99,675. |
| | TOTAL | 17,975. | 19,475. | 100,289. |
| 33 ROCKLAND CO | POINT | 2,530. | 28,047. | 1,345. |
| | AREA | 17,049. | 7,308. | 89,926. |
| | TOTAL | 19,579. | 35,355. | 91,271. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 33 ST. LAWRENCE CO | POINT | 204. | 1,650. | 150. |
| | AREA | 8,184. | 4,870. | 44,639. |
| | TOTAL | 8,388. | 6,520. | 44,789. |
| 33 SARATOGA CO | POINT | 948. | 1,683. | 166. |
| | AREA | 9,402. | 5,407. | 46,451. |
| | TOTAL | 10,350. | 7,090. | 46,617. |
| 33 SCHENECTADY CO | POINT | 617. | 699. | 64. |
| | AREA | 9,857. | 5,647. | 61,477. |
| | TOTAL | 10,474. | 6,346. | 61,541. |
| 33 SCHOHARIE CO | POINT | 2. | 523. | 4. |
| | AREA | 1,994. | 1,539. | 10,299. |
| | TOTAL | 1,996. | 2,062. | 10,303. |
| 33 SCHUYLER CO | POINT | 34. | 634. | 92. |
| | AREA | 1,323. | 973. | 7,133. |
| | TOTAL | 1,357. | 1,607. | 7,225. |
| 33 SENECA CO | POINT | 139. | 172. | 38. |
| | AREA | 3,176. | 1,532. | 15,493. |
| | TOTAL | 3,315. | 1,704. | 15,531. |
| 33 STEUBEN CO | POINT | 588. | 3,220. | 428. |
| | AREA | 8,213. | 4,847. | 37,129. |
| | TOTAL | 8,801. | 8,067. | 37,557. |
| 33 SUFFOLK CO | POINT | 4,160. | 45,334. | 4,684. |
| | AREA | 88,045. | 37,986. | 458,439. |
| | TOTAL | 92,205. | 83,320. | 463,123. |
| 33 SULLIVAN CO | POINT | 10. | 109. | 21. |
| | AREA | 4,345. | 3,187. | 20,840. |
| | TOTAL | 4,355. | 3,296. | 20,861. |
| 33 TIOGA CO | POINT | 251. | 164. | 17. |
| | AREA | 3,378. | 2,245. | 17,935. |
| | TOTAL | 3,629. | 2,409. | 17,952. |
| 33 TOMPKINS CO | POINT | 235. | 7,716. | 439. |
| | AREA | 7,107. | 3,354. | 29,448. |
| | TOTAL | 7,342. | 11,070. | 29,887. |
| 33 ULSTER CO | POINT | 102. | 157. | 35. |
| | AREA | 11,199. | 7,058. | 58,319. |
| | TOTAL | 11,301. | 7,215. | 58,354. |

|  | TYPE OF |  | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 33 WARREN CO | POINT | 555. | 244. | 39. |
|  | AREA | 5,925. | 2,727. | 24,224. |
|  | TOTAL | 6,480. | 2,971. | 24,263. |
| 33 WASHINGTON CO | POINT | 20,013. | 2,725. | 240. |
|  | AREA | 5,912. | 2,555. | 19,900. |
|  | TOTAL | 25,925. | 5,280. | 20,140. |
| 33 WAYNE CO | POINT | 574. | 643. | 55. |
|  | AREA | 7,160. | 4,363. | 29,728. |
|  | TOTAL | 7,734. | 5,006. | 29,783. |
| 33 WESTCHESTER CO | POINT | 7,813. | 2,288. | 312. |
|  | AREA | 55,817. | 28,670. | 211,749. |
|  | TOTAL | 63,630. | 30,958. | 212,061. |
| 33 WYOMING CO | POINT | 198. | 594. | 31. |
|  | AREA | 3,489. | 2,144. | 14,765. |
|  | TOTAL | 3,687. | 2,738. | 14,796. |
| 33 YATES CO | POINT | 168. | 4,474. | 248. |
|  | AREA | 1,894. | 1,261. | 9,972. |
|  | TOTAL | 2,062. | 5,735. | 10,220. |
| 34 ALAMANCE CO | POINT | 40. | 334. | 37. |
|  | AREA | 12,673. | 4,692. | 47,025. |
|  | TOTAL | 12,713. | 5,026. | 47,062. |
| 34 ALEXANDER CO | POINT | 535. | 32. | 3. |
|  | AREA | 1,732. | 1,019. | 6,446. |
|  | TOTAL | 2,267. | 1,051. | 6,449. |
| 34 ALLEGHANY CO | POINT | 0. | 0. | 0. |
|  | AREA | 894. | 576. | 3,527. |
|  | TOTAL | 894. | 576. | 3,527. |
| 34 ANSON CO | POINT | 91. | 15. | 3. |
|  | AREA | 2,694. | 1,399. | 10,571. |
|  | TOTAL | 2,785. | 1,414. | 10,574. |
| 34 ASHE CO | POINT | 252. | 131. | 20. |
|  | AREA | 1,364. | 982. | 6,268. |
|  | TOTAL | 1,616. | 1,113. | 6,288. |
| 34 AVERY CO | POINT | 8. | 51. | 7. |
|  | AREA | 856. | 710. | 3,829. |
|  | TOTAL | 864. | 761. | 3,836. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 34 BEAUFORT CO | POINT | 37. | 1,135. | 136. |
| | AREA | 4,275. | 2,196. | 19,033. |
| | TOTAL | 4,312. | 3,331. | 19,169. |
| 34 BERTIE CO | POINT | 198. | 140. | 1,024. |
| | AREA | 2,220. | 1,400. | 10,646. |
| | TOTAL | 2,418. | 1,540. | 11,670. |
| 34 BLADEN CO | POINT | 41. | 85. | 7. |
| | AREA | 2,798. | 1,708. | 13,192. |
| | TOTAL | 2,839. | 1,793. | 13,199. |
| 34 BRUNSWICK CO | POINT | 29,358. | 3,542. | 10,844. |
| | AREA | 3,549. | 2,336. | 17,137. |
| | TOTAL | 32,907. | 5,878. | 27,981. |
| 34 BUNCOMBE CO | POINT | 156. | 13,267. | 478. |
| | AREA | 15,961. | 6,699. | 64,407. |
| | TOTAL | 16,117. | 19,966. | 64,885. |
| 34 BURKE CO | POINT | 1,578. | 636. | 106. |
| | AREA | 9,766. | 3,766. | 28,998. |
| | TOTAL | 11,344. | 4,402. | 29,104. |
| 34 CABARRUS CO | POINT | 31. | 1,069. | 93. |
| | AREA | 9,931. | 4,388. | 48,099. |
| | TOTAL | 9,962. | 5,457. | 48,192. |
| 34 CALDWELL CO | POINT | 6,165. | 440. | 103. |
| | AREA | 8,459. | 2,567. | 21,783. |
| | TOTAL | 14,624. | 3,007. | 21,886. |
| 34 CAMDEN CO | POINT | 0. | 0. | 0. |
| | AREA | 826. | 420. | 3,668. |
| | TOTAL | 826. | 420. | 3,668. |
| 34 CARTERET CO | POINT | 0. | 18. | 1. |
| | AREA | 5,151. | 1,761. | 20,352. |
| | TOTAL | 5,151. | 1,779. | 20,353. |
| 34 CASWELL CO | POINT | 0. | 0. | 0. |
| | AREA | 1,805. | 1,079. | 8,338. |
| | TOTAL | 1,805. | 1,079. | 8,338. |
| 34 CATAWBA CO | POINT | 2,930. | 33,809. | 1,937. |
| | AREA | 17,729. | 5,712. | 50,775. |
| | TOTAL | 20,659. | 39,521. | 52,712. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 34 CHATHAM CO | POINT | 843. | 5,457. | 1,806. |
| | AREA | 3,892. | 2,143. | 16,189. |
| | TOTAL | 4,735. | 7,600. | 17,995. |
| 34 CHEROKEE CO | POINT | 16. | 74. | 14. |
| | AREA | 1,785. | 980. | 6,632. |
| | TOTAL | 1,801. | 1,054. | 6,646. |
| 34 CHOWAN CO | POINT | 227. | 56. | 4. |
| | AREA | 1,480. | 764. | 6,882. |
| | TOTAL | 1,707. | 820. | 6,886. |
| 34 CLAY CO | POINT | 0. | 0. | 0. |
| | AREA | 471. | 287. | 2,112. |
| | TOTAL | 471. | 287. | 2,112. |
| 34 CLEVELAND CO | POINT | 3. | 955. | 53. |
| | AREA | 7,993. | 3,848. | 30,360. |
| | TOTAL | 7,996. | 4,803. | 30,413. |
| 34 COLUMBUS CO | POINT | 136. | 407. | 80. |
| | AREA | 5,679. | 2,834. | 20,489. |
| | TOTAL | 5,815. | 3,241. | 20,569. |
| 34 CRAVEN CO | POINT | 790. | 1,700. | 5,989. |
| | AREA | 6,348. | 2,905. | 30,078. |
| | TOTAL | 7,138. | 4,605. | 36,067. |
| 34 CUMBERLAND CO | POINT | 838. | 781. | 72. |
| | AREA | 18,914. | 8,221. | 88,100. |
| | TOTAL | 19,752. | 9,002. | 88,172. |
| 34 CURRITUCK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,262. | 618. | 5,191. |
| | TOTAL | 1,262. | 618. | 5,191. |
| 34 DARE CO | POINT | 2. | 249. | 11. |
| | AREA | 3,643. | 759. | 12,915. |
| | TOTAL | 3,645. | 1,008. | 12,926. |
| 34 DAVIDSON CO | POINT | 503. | 688. | 114. |
| | AREA | 11,927. | 5,580. | 49,120. |
| | TOTAL | 12,430. | 6,268. | 49,234. |
| 34 DAVIE CO | POINT | 146. | 163. | 8. |
| | AREA | 2,370. | 1,351. | 9,787. |
| | TOTAL | 2,516. | 1,514. | 9,795. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 34 DUPLIN CO | POINT | 42. | 158. | 14. |
| | AREA | 4,161. | 2,606. | 19,843. |
| | TOTAL | 4,203. | 2,764. | 19,857. |
| 34 DURHAM CO | POINT | 4,708. | 677. | 65. |
| | AREA | 12,540. | 5,348. | 58,170. |
| | TOTAL | 17,248. | 6,025. | 58,235. |
| 34 EDGECOMBE CO | POINT | 531. | 87. | 17. |
| | AREA | 4,912. | 2,605. | 23,566. |
| | TOTAL | 5,443. | 2,692. | 23,583. |
| 34 FORSYTH CO | POINT | 21,063. | 1,710. | 166. |
| | AREA | 25,915. | 11,469. | 125,239. |
| | TOTAL | 46,978. | 13,179. | 125,405. |
| 34 FRANKLIN CO | POINT | 122. | 43. | 459. |
| | AREA | 2,947. | 1,568. | 12,955. |
| | TOTAL | 3,069. | 1,611. | 13,414. |
| 34 GASTON CO | POINT | 493. | 24,162. | 1,489. |
| | AREA | 19,330. | 6,897. | 69,758. |
| | TOTAL | 19,823. | 31,059. | 71,247. |
| 34 GATES CO | POINT | 0. | 0. | 0. |
| | AREA | 803. | 605. | 4,376. |
| | TOTAL | 803. | 605. | 4,376. |
| 34 GRAHAM CO | POINT | 11. | 60. | 12. |
| | AREA | 433. | 316. | 2,025. |
| | TOTAL | 444. | 376. | 2,037. |
| 34 GRANVILLE CO | POINT | 281. | 69. | 6. |
| | AREA | 4,340. | 1,920. | 18,688. |
| | TOTAL | 4,621. | 1,989. | 18,694. |
| 34 GREENE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,469. | 924. | 6,915. |
| | TOTAL | 1,469. | 924. | 6,915. |
| 34 GUILFORD CO | POINT | 14,565. | 485. | 493. |
| | AREA | 38,545. | 14,518. | 159,009. |
| | TOTAL | 53,110. | 15,003. | 159,502. |
| 34 HALIFAX CO | POINT | 331. | 2,608. | 10,413. |
| | AREA | 5,597. | 2,661. | 24,214. |
| | TOTAL | 5,928. | 5,269. | 34,627. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 34 HARNETT CO | POINT | 16. | 177. | 16. |
| | AREA | 4,960. | 2,895. | 24,129. |
| | TOTAL | 4,976. | 3,072. | 24,145. |
| 34 HAYWOOD CO | POINT | 48. | 4,702. | 43,963. |
| | AREA | 3,774. | 2,325. | 17,215. |
| | TOTAL | 3,822. | 7,027. | 61,178. |
| 34 HENDERSON CO | POINT | 482. | 201. | 25. |
| | AREA | 5,177. | 2,715. | 20,035. |
| | TOTAL | 5,659. | 2,916. | 20,060. |
| 34 HERTFORD CO | POINT | 18. | 1,336. | 89. |
| | AREA | 2,316. | 1,258. | 10,798. |
| | TOTAL | 2,334. | 2,594. | 10,887. |
| 34 HOKE CO | POINT | 0. | 45. | 4. |
| | AREA | 1,826. | 877. | 6,698. |
| | TOTAL | 1,826. | 922. | 6,702. |
| 34 HYDE CO | POINT | 0. | 0. | 0. |
| | AREA | 3,040. | 516. | 10,938. |
| | TOTAL | 3,040. | 516. | 10,938. |
| 34 IREDELL CO | POINT | 1,356. | 618. | 202. |
| | AREA | 10,319. | 4,130. | 39,436. |
| | TOTAL | 11,675. | 4,748. | 39,638. |
| 34 JACKSON CO | POINT | 6. | 30. | 6. |
| | AREA | 2,153. | 1,304. | 8,327. |
| | TOTAL | 2,159. | 1,334. | 8,333. |
| 34 JOHNSTON CO | POINT | 717. | 46. | 3. |
| | AREA | 7,819. | 4,347. | 36,350. |
| | TOTAL | 8,536. | 4,393. | 36,353. |
| 34 JONES CO | POINT | 0. | 0. | 0. |
| | AREA | 1,085. | 761. | 5,892. |
| | TOTAL | 1,085. | 761. | 5,892. |
| 34 LEE CO | POINT | 328. | 115. | 24. |
| | AREA | 4,211. | 2,029. | 17,259. |
| | TOTAL | 4,539. | 2,144. | 17,283. |
| 34 LENOIR CO | POINT | 10. | 62. | 4. |
| | AREA | 6,199. | 2,767. | 24,465. |
| | TOTAL | 6,209. | 2,829. | 24,469. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 34 LINCOLN CO | POINT | 178. | 16. | 5. |
| | AREA | 3,255. | 1,793. | 12,207. |
| | TOTAL | 3,433. | 1,809. | 12,212. |
| 34 MC DOWELL CO | POINT | 230. | 409. | 49. |
| | AREA | 3,734. | 1,790. | 15,907. |
| | TOTAL | 3,964. | 2,199. | 15,956. |
| 34 MACON CO | POINT | 15. | 0. | 0. |
| | AREA | 1,405. | 971. | 6,220. |
| | TOTAL | 1,420. | 971. | 6,220. |
| 34 MADISON CO | POINT | 2. | 7. | 1. |
| | AREA | 1,062. | 807. | 5,165. |
| | TOTAL | 1,064. | 814. | 5,166. |
| 34 MARTIN CO | POINT | 421. | 3,624. | 11,064. |
| | AREA | 2,731. | 1,450. | 12,066. |
| | TOTAL | 3,152. | 5,074. | 23,130. |
| 34 MECKLENBURG CO | POINT | 381. | 54. | 5,707. |
| | AREA | 46,589. | 23,521. | 233,350. |
| | TOTAL | 46,970. | 23,575. | 239,057. |
| 34 MITCHELL CO | POINT | 521. | 13. | 4. |
| | AREA | 895. | 695. | 4,029. |
| | TOTAL | 1,416. | 708. | 4,033. |
| 34 MONTGOMERY CO | POINT | 0. | 20. | 1. |
| | AREA | 2,811. | 1,297. | 8,933. |
| | TOTAL | 2,811. | 1,317. | 8,934. |
| 34 MOORE CO | POINT | 153. | 67. | 12. |
| | AREA | 4,273. | 2,299. | 17,898. |
| | TOTAL | 4,426. | 2,366. | 17,910. |
| 34 NASH CO | POINT | 283. | 569. | 59. |
| | AREA | 8,481. | 3,730. | 34,932. |
| | TOTAL | 8,764. | 4,299. | 34,991. |
| 34 NEW HANOVER CO | POINT | 8,423. | 13,167. | 870. |
| | AREA | 10,149. | 4,047. | 40,589. |
| | TOTAL | 18,572. | 17,214. | 41,459. |
| 34 NORTHAMPTON CO | POINT | 149. | 281. | 43. |
| | AREA | 2,270. | 1,491. | 10,303. |
| | TOTAL | 2,419. | 1,772. | 10,346. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 34 ONSLOW CO | POINT | 0. | 20. | 2. |
| | AREA | 7,670. | 3,478. | 34,177. |
| | TOTAL | 7,670. | 3,498. | 34,179. |
| 34 ORANGE CO | POINT | 1,049. | 188. | 12. |
| | AREA | 5,050. | 2,587. | 26,780. |
| | TOTAL | 6,099. | 2,775. | 26,792. |
| 34 PAMLICO CO | POINT | 0. | 0. | 0. |
| | AREA | 1,568. | 552. | 6,314. |
| | TOTAL | 1,568. | 552. | 6,314. |
| 34 PASQUOTANK CO | POINT | 326. | 230. | 44. |
| | AREA | 2,443. | 1,377. | 12,566. |
| | TOTAL | 2,769. | 1,607. | 12,610. |
| 34 PENDER CO | POINT | 0. | 4. | 0. |
| | AREA | 2,396. | 1,441. | 12,099. |
| | TOTAL | 2,396. | 1,445. | 12,099. |
| 34 PERQUIMANS CO | POINT | 6. | 0. | 0. |
| | AREA | 1,088. | 639. | 4,988. |
| | TOTAL | 1,094. | 639. | 4,988. |
| 34 PERSON CO | POINT | 593. | 34,578. | 1,921. |
| | AREA | 3,027. | 1,281. | 11,069. |
| | TOTAL | 3,620. | 35,859. | 12,990. |
| 34 PITT CO | POINT | 172. | 299. | 23. |
| | AREA | 7,111. | 3,453. | 34,626. |
| | TOTAL | 7,283. | 3,752. | 34,649. |
| 34 POLK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,135. | 670. | 4,207. |
| | TOTAL | 1,135. | 670. | 4,207. |
| 34 RANDOLPH CO | POINT | 846. | 145. | 19. |
| | AREA | 11,132. | 4,556. | 35,004. |
| | TOTAL | 11,978. | 4,701. | 35,023. |
| 34 RICHMOND CO | POINT | 0. | 13. | 73. |
| | AREA | 4,423. | 2,037. | 18,927. |
| | TOTAL | 4,423. | 2,050. | 19,000. |
| 34 ROBESON CO | POINT | 150. | 2,706. | 170. |
| | AREA | 9,004. | 4,768. | 40,176. |
| | TOTAL | 9,154. | 7,474. | 40,346. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 34 ROCKINGHAM CO | POINT | 809. | 5,129. | 288. |
| | AREA | 9,026. | 4,014. | 39,667. |
| | TOTAL | 9,835. | 9,143. | 39,955. |
| 34 ROWAN CO | POINT | 137. | 4,673. | 263. |
| | AREA | 9,338. | 4,310. | 40,623. |
| | TOTAL | 9,475. | 8,983. | 40,886. |
| 34 RUTHERFORD CO | POINT | 385. | 14,138. | 794. |
| | AREA | 5,693. | 2,421. | 21,118. |
| | TOTAL | 6,078. | 16,559. | 21,912. |
| 34 SAMPSON CO | POINT | 95. | 26. | 11. |
| | AREA | 5,200. | 2,993. | 23,070. |
| | TOTAL | 5,295. | 3,019. | 23,081. |
| 34 SCOTLAND CO | POINT | 2,446. | 195. | 83. |
| | AREA | 3,418. | 1,457. | 12,661. |
| | TOTAL | 5,864. | 1,652. | 12,744. |
| 34 STANLY CO | POINT | 160. | 386. | 11,437. |
| | AREA | 4,932. | 2,653. | 20,152. |
| | TOTAL | 5,092. | 3,039. | 31,589. |
| 34 STOKES CO | POINT | 742. | 44,554. | 2,475. |
| | AREA | 2,273. | 1,448. | 9,909. |
| | TOTAL | 3,015. | 46,002. | 12,384. |
| 34 SURRY CO | POINT | 146. | 77. | 58. |
| | AREA | 7,039. | 3,096. | 24,071. |
| | TOTAL | 7,185. | 3,173. | 24,129. |
| 34 SWAIN CO | POINT | 471. | 13. | 3. |
| | AREA | 836. | 475. | 2,876. |
| | TOTAL | 1,307. | 488. | 2,879. |
| 34 TRANSYLVANIA CO | POINT | 0. | 55. | 2. |
| | AREA | 3,126. | 862. | 6,019. |
| | TOTAL | 3,126. | 917. | 6,021. |
| 34 TYRRELL CO | POINT | 3. | 10. | 15. |
| | AREA | 1,211. | 455. | 5,673. |
| | TOTAL | 1,214. | 465. | 5,688. |
| 34 UNION CO | POINT | 728. | 53. | 7. |
| | AREA | 6,008. | 3,298. | 25,642. |
| | TOTAL | 6,736. | 3,351. | 25,649. |

|  | TYPE OF | COMPUTED EMISSIONS |  | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 34 VANCE CO | POINT | 0. | 208. | 4. |
|  | AREA | 4,304. | 2,306. | 22,123. |
|  | TOTAL | 4,304. | 2,514. | 22,127. |
| 34 WAKE CO | POINT | 941. | 338. | 54. |
|  | AREA | 26,500. | 13,064. | 135,744. |
|  | TOTAL | 27,441. | 13,402. | 135,798. |
| 34 WARREN CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,753. | 1,114. | 8,392. |
|  | TOTAL | 1,753. | 1,114. | 8,392. |
| 34 WASHINGTON CO | POINT | 35. | 172. | 34. |
|  | AREA | 2,643. | 894. | 8,006. |
|  | TOTAL | 2,678. | 1,066. | 8,040. |
| 34 WATAUGA CO | POINT | 61. | 140. | 8. |
|  | AREA | 2,260. | 1,313. | 9,813. |
|  | TOTAL | 2,321. | 1,453. | 9,821. |
| 34 WAYNE CO | POINT | 131. | 6,814. | 1,616. |
|  | AREA | 9,244. | 4,226. | 36,845. |
|  | TOTAL | 9,375. | 11,040. | 38,461. |
| 34 WILKES CO | POINT | 313. | 189. | 84. |
|  | AREA | 4,464. | 3,015. | 19,818. |
|  | TOTAL | 4,777. | 3,204. | 19,902. |
| 34 WILSON CO | POINT | 65. | 39. | 6. |
|  | AREA | 8,643. | 3,237. | 34,184. |
|  | TOTAL | 8,708. | 3,276. | 34,190. |
| 34 YADKIN CO | POINT | 0. | 4. | 0. |
|  | AREA | 2,432. | 1,623. | 10,801. |
|  | TOTAL | 2,432. | 1,627. | 10,801. |
| 34 YANCEY CO | POINT | 0. | 30. | 2. |
|  | AREA | 1,022. | 867. | 4,923. |
|  | TOTAL | 1,022. | 897. | 4,925. |
| 35 ADAMS CO | POINT | 0. | 0. | 0. |
|  | AREA | 349. | 427. | 2,218. |
|  | TOTAL | 349. | 427. | 2,218. |
| 35 BARNES CO | POINT | 10. | 150. | 22. |
|  | AREA | 1,665. | 1,470. | 10,942. |
|  | TOTAL | 1,675. | 1,620. | 10,964. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS<br>NOX | *<br>CO |
|---|---|---|---|---|
| 35 BENSON CO | POINT | 0. | 0. | 0. |
| | AREA | 779. | 910. | 4,897. |
| | TOTAL | 779. | 910. | 4,897. |
| 35 BILLINGS CO | POINT | 0. | 0. | 0. |
| | AREA | 233. | 244. | 1,576. |
| | TOTAL | 233. | 244. | 1,576. |
| 35 BOTTINEAU CO | POINT | 0. | 4. | 0. |
| | AREA | 951. | 1,024. | 6,266. |
| | TOTAL | 951. | 1,028. | 6,266. |
| 35 BOWMAN CO | POINT | 4. | 53. | 9. |
| | AREA | 409. | 558. | 2,709. |
| | TOTAL | 413. | 611. | 2,718. |
| 35 BURKE CO | POINT | 0. | 0. | 0. |
| | AREA | 451. | 540. | 2,980. |
| | TOTAL | 451. | 540. | 2,980. |
| 35 BURLEIGH CO | POINT | 0. | 26. | 2. |
| | AREA | 4,205. | 3,230. | 23,307. |
| | TOTAL | 4,205. | 3,256. | 23,309. |
| 35 CASS CO | POINT | 17. | 216. | 193. |
| | AREA | 7,671. | 5,656. | 41,310. |
| | TOTAL | 7,688. | 5,872. | 41,503. |
| 35 CAVALIER CO | POINT | 0. | 0. | 0. |
| | AREA | 770. | 1,206. | 4,888. |
| | TOTAL | 770. | 1,206. | 4,888. |
| 35 DICKEY CO | POINT | 0. | 0. | 0. |
| | AREA | 624. | 763. | 4,002. |
| | TOTAL | 624. | 763. | 4,002. |
| 35 DIVIDE CO | POINT | 0. | 0. | 0. |
| | AREA | 415. | 505. | 2,812. |
| | TOTAL | 415. | 505. | 2,812. |
| 35 DUNN CO | POINT | 0. | 0. | 0. |
| | AREA | 538. | 576. | 3,593. |
| | TOTAL | 538. | 576. | 3,593. |
| 35 EDDY CO | POINT | 0. | 0. | 0. |
| | AREA | 358. | 388. | 2,161. |
| | TOTAL | 358. | 388. | 2,161. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 35 EMMONS CO | POINT | 0. | 0. | 0. |
| | AREA | 613. | 734. | 4,207. |
| | TOTAL | 613. | 734. | 4,207. |
| 35 FOSTER CO | POINT | 0. | 0. | 0. |
| | AREA | 438. | 505. | 2,511. |
| | TOTAL | 438. | 505. | 2,511. |
| 35 GOLDEN VALLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 277. | 368. | 1,897. |
| | TOTAL | 277. | 368. | 1,897. |
| 35 GRAND FORKS CO | POINT | 27. | 244. | 57. |
| | AREA | 4,806. | 3,850. | 27,613. |
| | TOTAL | 4,833. | 4,094. | 27,670. |
| 35 GRANT CO | POINT | 0. | 0. | 0. |
| | AREA | 461. | 597. | 3,384. |
| | TOTAL | 461. | 597. | 3,384. |
| 35 GRIGGS CO | POINT | 0. | 0. | 0. |
| | AREA | 429. | 478. | 2,690. |
| | TOTAL | 429. | 478. | 2,690. |
| 35 HETTINGER CO | POINT | 0. | 0. | 0. |
| | AREA | 418. | 540. | 2,895. |
| | TOTAL | 418. | 540. | 2,895. |
| 35 KIDDER CO | POINT | 0. | 0. | 0. |
| | AREA | 664. | 667. | 4,172. |
| | TOTAL | 664. | 667. | 4,172. |
| 35 LA MOURE CO | POINT | 0. | 0. | 0. |
| | AREA | 738. | 862. | 4,754. |
| | TOTAL | 738. | 862. | 4,754. |
| 35 LOGAN CO | POINT | 0. | 0. | 0. |
| | AREA | 391. | 469. | 2,750. |
| | TOTAL | 391. | 469. | 2,750. |
| 35 MC HENRY CO | POINT | 30. | 1,836. | 102. |
| | AREA | 892. | 1,034. | 5,850. |
| | TOTAL | 922. | 2,870. | 5,952. |
| 35 MC INTOSH CO | POINT | 0. | 0. | 0. |
| | AREA | 522. | 664. | 3,307. |
| | TOTAL | 522. | 664. | 3,307. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 35 MC KENZIE CO | POINT | 18. | 55. | 6. |
| | AREA | 842. | 965. | 5,743. |
| | TOTAL | 860. | 1,020. | 5,749. |
| 35 MC LEAN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,180. | 1,188. | 6,658. |
| | TOTAL | 1,180. | 1,188. | 6,658. |
| 35 MERCER CO | POINT | 760. | 32,620. | 2,520. |
| | AREA | 597. | 651. | 3,502. |
| | TOTAL | 1,357. | 33,271. | 6,022. |
| 35 MORTON CO | POINT | 1,609. | 1,325. | 145. |
| | AREA | 2,306. | 1,980. | 13,353. |
| | TOTAL | 3,915. | 3,305. | 13,498. |
| 35 MOUNTRAIL CO | POINT | 0. | 0. | 0. |
| | AREA | 819. | 879. | 4,927. |
| | TOTAL | 819. | 879. | 4,927. |
| 35 NELSON CO | POINT | 0. | 0. | 0. |
| | AREA | 612. | 703. | 3,850. |
| | TOTAL | 612. | 703. | 3,850. |
| 35 OLIVER CO | POINT | 221. | 12,583. | 739. |
| | AREA | 840. | 364. | 3,832. |
| | TOTAL | 1,061. | 12,947. | 4,571. |
| 35 PEMBINA CO | POINT | 31. | 133. | 78. |
| | AREA | 1,106. | 1,139. | 5,515. |
| | TOTAL | 1,137. | 1,272. | 5,593. |
| 35 PIERCE CO | POINT | 0. | 0. | 0. |
| | AREA | 675. | 639. | 4,396. |
| | TOTAL | 675. | 639. | 4,396. |
| 35 RAMSEY CO | POINT | 0. | 4. | 0. |
| | AREA | 1,344. | 1,198. | 8,387. |
| | TOTAL | 1,344. | 1,202. | 8,387. |
| 35 RANSOM CO | POINT | 0. | 0. | 0. |
| | AREA | 592. | 693. | 3,655. |
| | TOTAL | 592. | 693. | 3,655. |
| 35 RENVILLE CO | POINT | 0. | 0. | 0. |
| | AREA | 363. | 443. | 2,400. |
| | TOTAL | 363. | 443. | 2,400. |

|  | TYPE OF |  | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 35 RICHLAND CO | POINT | 18. | 316. | 36. |
|  | AREA | 1,708. | 1,841. | 8,801. |
|  | TOTAL | 1,726. | 2,157. | 8,837. |
| 35 ROLETTE CO | POINT | 2. | 16. | 5. |
|  | AREA | 902. | 792. | 5,424. |
|  | TOTAL | 904. | 808. | 5,429. |
| 35 SARGENT CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,033. | 697. | 3,464. |
|  | TOTAL | 1,033. | 697. | 3,464. |
| 35 SHERIDAN CO | POINT | 0. | 0. | 0. |
|  | AREA | 390. | 415. | 2,381. |
|  | TOTAL | 390. | 415. | 2,381. |
| 35 SIOUX CO | POINT | 0. | 0. | 0. |
|  | AREA | 302. | 295. | 1,770. |
|  | TOTAL | 302. | 295. | 1,770. |
| 35 SLOPE CO | POINT | 0. | 0. | 0. |
|  | AREA | 205. | 228. | 1,467. |
|  | TOTAL | 205. | 228. | 1,467. |
| 35 STARK CO | POINT | 169. | 342. | 42. |
|  | AREA | 1,517. | 1,532. | 6,937. |
|  | TOTAL | 1,686. | 1,874. | 6,979. |
| 35 STEELE CO | POINT | 0. | 0. | 0. |
|  | AREA | 350. | 448. | 2,466. |
|  | TOTAL | 350. | 448. | 2,466. |
| 35 STUTSMAN CO | POINT | 31. | 269. | 71. |
|  | AREA | 2,757. | 2,015. | 15,893. |
|  | TOTAL | 2,788. | 2,284. | 15,964. |
| 35 TOWNER CO | POINT | 0. | 28. | 2. |
|  | AREA | 408. | 539. | 2,821. |
|  | TOTAL | 408. | 567. | 2,823. |
| 35 TRAILL CO | POINT | 4. | 248. | 20. |
|  | AREA | 935. | 1,061. | 5,315. |
|  | TOTAL | 939. | 1,309. | 5,335. |
| 35 WALSH CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,485. | 1,492. | 9,417. |
|  | TOTAL | 1,485. | 1,492. | 9,417. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | NOX | *<br>CO |
|---|---|---|---|---|
| 35 WARD CO | POINT | 2. | 37. | 6. |
| | AREA | 4,456. | 3,686. | 24,178. |
| | TOTAL | 4,458. | 3,723. | 24,184. |
| 35 WELLS CO | POINT | 0. | 0. | 0. |
| | AREA | 694. | 848. | 4,513. |
| | TOTAL | 694. | 848. | 4,513. |
| 35 WILLIAMS CO | POINT | 394. | 479. | 55. |
| | AREA | 1,897. | 1,738. | 11,590. |
| | TOTAL | 2,291. | 2,217. | 11,645. |
| 36 ADAMS CO | POINT | 837. | 50,091. | 2,785. |
| | AREA | 2,154. | 1,693. | 10,451. |
| | TOTAL | 2,991. | 51,784. | 13,236. |
| 36 ALLEN CO | POINT | 409. | 2,122. | 58. |
| | AREA | 14,527. | 6,427. | 63,682. |
| | TOTAL | 14,936. | 8,549. | 63,740. |
| 36 ASHLAND CO | POINT | 0. | 0. | 189. |
| | AREA | 8,080. | 2,811. | 20,980. |
| | TOTAL | 8,080. | 2,811. | 21,169. |
| 36 ASHTABULA CO | POINT | 1,121. | 9,374. | 541. |
| | AREA | 13,245. | 5,438. | 42,078. |
| | TOTAL | 14,366. | 14,812. | 42,619. |
| 36 ATHENS CO | POINT | 105. | 5,766. | 337. |
| | AREA | 3,745. | 2,232. | 19,928. |
| | TOTAL | 3,850. | 7,998. | 20,265. |
| 36 AUGLAIZE CO | POINT | 393. | 291. | 594. |
| | AREA | 4,924. | 2,568. | 20,947. |
| | TOTAL | 5,317. | 2,859. | 21,541. |
| 36 BELMONT CO | POINT | 250. | 13,085. | 1,416. |
| | AREA | 6,941. | 3,648. | 33,239. |
| | TOTAL | 7,191. | 16,733. | 34,655. |
| 36 BROWN CO | POINT | 0. | 0. | 0. |
| | AREA | 2,594. | 1,987. | 13,838. |
| | TOTAL | 2,594. | 1,987. | 13,838. |
| 36 BUTLER CO | POINT | 1,669. | 8,078. | 3,877. |
| | AREA | 20,312. | 9,389. | 92,753. |
| | TOTAL | 21,981. | 17,467. | 96,630. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 36 CARROLL CO | POINT | 0. | 0. | 0. |
| | AREA | 2,455. | 1,290. | 9,329. |
| | TOTAL | 2,455. | 1,290. | 9,329. |
| 36 CHAMPAIGN CO | POINT | 17. | 108. | 14. |
| | AREA | 3,842. | 2,008. | 14,174. |
| | TOTAL | 3,859. | 2,116. | 14,188. |
| 36 CLARK CO | POINT | 1,103. | 1,424. | 233. |
| | AREA | 17,736. | 8,388. | 71,994. |
| | TOTAL | 18,839. | 9,812. | 72,227. |
| 36 CLERMONT CO | POINT | 424. | 24,157. | 1,400. |
| | AREA | 6,595. | 4,468. | 31,270. |
| | TOTAL | 7,019. | 28,625. | 32,670. |
| 36 CLINTON CO | POINT | 6. | 0. | 277. |
| | AREA | 4,878. | 2,391. | 18,293. |
| | TOTAL | 4,884. | 2,391. | 18,570. |
| 36 COLUMBIANA CO | POINT | 434. | 200. | 6,881. |
| | AREA | 12,587. | 6,231. | 53,763. |
| | TOTAL | 13,021. | 6,431. | 60,644. |
| 36 COSHOCTON CO | POINT | 4,647. | 45,780. | 8,516. |
| | AREA | 4,679. | 2,195. | 18,462. |
| | TOTAL | 9,326. | 47,975. | 26,978. |
| 36 CRAWFORD CO | POINT | 5. | 51. | 1. |
| | AREA | 7,721. | 3,072. | 26,571. |
| | TOTAL | 7,726. | 3,123. | 26,572. |
| 36 CUYAHOGA CO | POINT | 106,648. | 30,243. | 49,418. |
| | AREA | 167,712. | 59,793. | 654,847. |
| | TOTAL | 274,360. | 90,036. | 704,265. |
| 36 DARKE CO | POINT | 470. | 27. | 16. |
| | AREA | 5,116. | 3,445. | 22,213. |
| | TOTAL | 5,586. | 3,472. | 22,229. |
| 36 DEFIANCE CO | POINT | 1. | 57. | 5,680. |
| | AREA | 4,409. | 2,754. | 21,571. |
| | TOTAL | 4,410. | 2,811. | 27,251. |
| 36 DELAWARE CO | POINT | 1. | 22. | 3. |
| | AREA | 5,410. | 2,886. | 22,707. |
| | TOTAL | 5,411. | 2,908. | 22,710. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | NOX | *<br>CO |
|---|---|---|---|---|
| 36 ERIE CO | POINT | 5,640. | 764. | 1,173. |
| | AREA | 11,932. | 4,254. | 44,523. |
| | TOTAL | 17,572. | 5,018. | 45,696. |
| 36 FAIRFIELD CO | POINT | 124. | 405. | 457. |
| | AREA | 9,482. | 5,032. | 38,649. |
| | TOTAL | 9,606. | 5,437. | 39,106. |
| 36 FAYETTE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,901. | 1,604. | 12,189. |
| | TOTAL | 2,901. | 1,604. | 12,189. |
| 36 FRANKLIN CO | POINT | 793. | 2,684. | 1,789. |
| | AREA | 74,928. | 33,385. | 368,298. |
| | TOTAL | 75,721. | 36,069. | 370,087. |
| 36 FULTON CO | POINT | 0. | 0. | 427. |
| | AREA | 6,067. | 3,044. | 22,020. |
| | TOTAL | 6,067. | 3,044. | 22,447. |
| 36 GALLIA CO | POINT | 1,608. | 115,867. | 5,364. |
| | AREA | 2,247. | 1,671. | 11,387. |
| | TOTAL | 3,855. | 117,538. | 16,751. |
| 36 GEAUGA CO | POINT | 4. | 64. | 8. |
| | AREA | 7,371. | 3,239. | 17,079. |
| | TOTAL | 7,375. | 3,303. | 17,087. |
| 36 GREENE CO | POINT | 144. | 2,590. | 121. |
| | AREA | 10,196. | 5,105. | 54,531. |
| | TOTAL | 10,340. | 7,695. | 54,652. |
| 36 GUERNSEY CO | POINT | 859. | 309. | 46. |
| | AREA | 4,916. | 2,341. | 16,808. |
| | TOTAL | 5,775. | 2,650. | 16,854. |
| 36 HAMILTON CO | POINT | 20,903. | 29,113. | 8,950. |
| | AREA | 95,515. | 35,096. | 400,663. |
| | TOTAL | 116,418. | 64,209. | 409,613. |
| 36 HANCOCK CO | POINT | 99. | 280. | 26. |
| | AREA | 9,018. | 3,654. | 35,524. |
| | TOTAL | 9,117. | 3,934. | 35,550. |
| 36 HARDIN CO | POINT | 0. | 0. | 0. |
| | AREA | 4,033. | 2,051. | 15,742. |
| | TOTAL | 4,033. | 2,051. | 15,742. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | NOX | *<br>CO |
|---|---|---|---|---|
| 36 HARRISON CO | POINT | 2. | 4. | 6. |
| | AREA | 2,317. | 1,413. | 9,721. |
| | TOTAL | 2,319. | 1,417. | 9,727. |
| 36 HENRY CO | POINT | 224. | 688. | 149. |
| | AREA | 3,529. | 2,117. | 14,693. |
| | TOTAL | 3,753. | 2,805. | 14,842. |
| 36 HIGHLAND CO | POINT | 0. | 0. | 0. |
| | AREA | 4,044. | 2,179. | 16,634. |
| | TOTAL | 4,044. | 2,179. | 16,634. |
| 36 HOCKING CO | POINT | 0. | 0. | 0. |
| | AREA | 2,963. | 1,262. | 9,268. |
| | TOTAL | 2,963. | 1,262. | 9,268. |
| 36 HOLMES CO | POINT | 1. | 18. | 2. |
| | AREA | 3,044. | 1,443. | 8,675. |
| | TOTAL | 3,045. | 1,461. | 8,677. |
| 36 HURON CO | POINT | 343. | 159. | 42. |
| | AREA | 8,637. | 4,025. | 30,672. |
| | TOTAL | 8,980. | 4,184. | 30,714. |
| 36 JACKSON CO | POINT | 146. | 502. | 1,239. |
| | AREA | 3,692. | 1,574. | 13,445. |
| | TOTAL | 3,838. | 2,076. | 14,684. |
| 36 JEFFERSON CO | POINT | 1,055. | 63,702. | 26,383. |
| | AREA | 7,257. | 4,522. | 39,858. |
| | TOTAL | 8,312. | 68,224. | 66,241. |
| 36 KNOX CO | POINT | 1,528. | 44. | 192. |
| | AREA | 4,410. | 2,655. | 20,041. |
| | TOTAL | 5,938. | 2,699. | 20,233. |
| 36 LAKE CO | POINT | 7,978. | 4,414. | 333. |
| | AREA | 21,053. | 7,858. | 78,928. |
| | TOTAL | 29,031. | 12,272. | 79,261. |
| 36 LAWRENCE CO | POINT | 1,777. | 23,817. | 12,115. |
| | AREA | 4,788. | 2,813. | 26,755. |
| | TOTAL | 6,565. | 26,630. | 38,870. |
| 36 LICKING CO | POINT | 347. | 292. | 515. |
| | AREA | 11,763. | 5,577. | 48,103. |
| | TOTAL | 12,110. | 5,869. | 48,618. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 36 LOGAN CO | POINT | 17. | 0. | 4,240. |
| | AREA | 5,447. | 2,680. | 21,265. |
| | TOTAL | 5,464. | 2,680. | 25,505. |
| 36 LORAIN CO | POINT | 474. | 25,646. | 1,557. |
| | AREA | 27,470. | 10,469. | 104,657. |
| | TOTAL | 27,944. | 36,115. | 106,214. |
| 36 LUCAS CO | POINT | 21,842. | 28,260. | 20,674. |
| | AREA | 51,088. | 19,980. | 223,963. |
| | TOTAL | 72,930. | 48,240. | 244,637. |
| 36 MADISON CO | POINT | 12. | 201. | 25. |
| | AREA | 3,444. | 2,238. | 15,040. |
| | TOTAL | 3,456. | 2,439. | 15,065. |
| 36 MAHONING CO | POINT | 4,638. | 7,298. | 26,698. |
| | AREA | 26,081. | 12,232. | 131,068. |
| | TOTAL | 30,719. | 19,530. | 157,766. |
| 36 MARION CO | POINT | 619. | 367. | 940. |
| | AREA | 7,496. | 3,426. | 28,701. |
| | TOTAL | 8,115. | 3,793. | 29,641. |
| 36 MEDINA CO | POINT | 691. | 49. | 541. |
| | AREA | 7,816. | 4,779. | 33,804. |
| | TOTAL | 8,507. | 4,828. | 34,345. |
| 36 MEIGS CO | POINT | 25. | 3. | 112. |
| | AREA | 1,622. | 1,225. | 8,255. |
| | TOTAL | 1,647. | 1,228. | 8,367. |
| 36 MERCER CO | POINT | 478. | 49. | 779. |
| | AREA | 4,822. | 2,660. | 21,505. |
| | TOTAL | 5,300. | 2,709. | 22,284. |
| 36 MIAMI CO | POINT | 1,045. | 893. | 457. |
| | AREA | 11,400. | 4,890. | 41,795. |
| | TOTAL | 12,445. | 5,783. | 42,252. |
| 36 MONROE CO | POINT | 26. | 158. | 24. |
| | AREA | 1,156. | 1,024. | 6,694. |
| | TOTAL | 1,182. | 1,182. | 6,718. |
| 36 MONTGOMERY CO | POINT | 19,638. | 13,767. | 7,370. |
| | AREA | 71,892. | 24,158. | 274,882. |
| | TOTAL | 91,530. | 37,925. | 282,252. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 36 MORGAN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,485. | 811. | 4,606. |
| | TOTAL | 1,485. | 811. | 4,606. |
| 36 MORROW CO | POINT | 0. | 0. | 0. |
| | AREA | 2,175. | 1,421. | 8,282. |
| | TOTAL | 2,175. | 1,421. | 8,282. |
| 36 MUSKINGUM CO | POINT | 101. | 1,924. | 3,972. |
| | AREA | 9,021. | 4,995. | 40,397. |
| | TOTAL | 9,122. | 6,919. | 44,369. |
| 36 NOBLE CC | POINT | 0. | 0. | 0. |
| | AREA | 1,415. | 663. | 4,672. |
| | TOTAL | 1,415. | 663. | 4,672. |
| 36 OTTAWA CO | POINT | 8. | 258. | 28. |
| | AREA | 4,426. | 2,592. | 18,822. |
| | TOTAL | 4,434. | 2,850. | 18,850. |
| 36 PAULDING CO | POINT | 98. | 572. | 0. |
| | AREA | 2,121. | 1,431. | 9,031. |
| | TOTAL | 2,219. | 2,003. | 9,031. |
| 36 PERRY CO | POINT | 109. | 1. | 2. |
| | AREA | 2,480. | 1,735. | 11,621. |
| | TOTAL | 2,589. | 1,736. | 11,623. |
| 36 PICKAWAY CO | POINT | 153. | 3,851. | 256. |
| | AREA | 5,509. | 2,416. | 15,119. |
| | TOTAL | 5,662. | 6,267. | 15,375. |
| 36 PIKE CO | POINT | 66. | 1,029. | 135. |
| | AREA | 1,722. | 1,133. | 8,678. |
| | TOTAL | 1,788. | 2,162. | 8,813. |
| 36 PORTAGE CO | POINT | 1,744. | 15. | 1,814. |
| | AREA | 14,736. | 5,854. | 50,276. |
| | TOTAL | 16,480. | 5,869. | 52,090. |
| 36 PREBLE CO | POINT | 1. | 6. | 1. |
| | AREA | 4,281. | 2,615. | 15,641. |
| | TOTAL | 4,282. | 2,621. | 15,642. |
| 36 PUTNAM CO | POINT | 12. | 191. | 25. |
| | AREA | 3,596. | 2,535. | 16,173. |
| | TOTAL | 3,608. | 2,726. | 16,198. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 36 RICHLAND CO | POINT | 1,047. | 1,002. | 6,384. |
| | AREA | 14,314. | 7,077. | 66,785. |
| | TOTAL | 15,361. | 8,079. | 73,169. |
| 36 ROSS CO | POINT | 282. | 6,657. | 6,870. |
| | AREA | 5,958. | 3,328. | 29,627. |
| | TOTAL | 6,240. | 9,985. | 36,497. |
| 36 SANDUSKY CO | POINT | 3,869. | 2,102. | 163. |
| | AREA | 7,779. | 3,491. | 31,529. |
| | TOTAL | 11,648. | 5,593. | 31,692. |
| 36 SCIOTO CO | POINT | 1,056. | 5,565. | 1,480. |
| | AREA | 6,436. | 3,929. | 35,170. |
| | TOTAL | 7,492. | 9,494. | 36,650. |
| 36 SENECA CO | POINT | 742. | 1,327. | 1,330. |
| | AREA | 7,097. | 3,808. | 32,928. |
| | TOTAL | 7,839. | 5,135. | 34,258. |
| 36 SHELBY CO | POINT | 395. | 3,006. | 3,894. |
| | AREA | 5,991. | 2,623. | 20,724. |
| | TOTAL | 6,386. | 5,629. | 24,618. |
| 36 STARK CO | POINT | 5,750. | 24,723. | 38,851. |
| | AREA | 42,260. | 19,217. | 198,602. |
| | TOTAL | 48,010. | 43,940. | 237,453. |
| 36 SUMMIT CO | POINT | 25,145. | 21,904. | 1,146. |
| | AREA | 60,046. | 23,838. | 258,315. |
| | TOTAL | 85,191. | 45,742. | 259,461. |
| 36 TRUMBULL CO | POINT | 4,260. | 15,241. | 15,638. |
| | AREA | 31,804. | 12,299. | 118,286. |
| | TOTAL | 36,064. | 27,540. | 133,924. |
| 36 TUSCARAWAS CO | POINT | 1,616. | 693. | 117. |
| | AREA | 9,294. | 4,914. | 43,811. |
| | TOTAL | 10,910. | 5,607. | 43,928. |
| 36 UNION CO | POINT | 3. | 26. | 3. |
| | AREA | 3,308. | 1,802. | 11,390. |
| | TOTAL | 3,311. | 1,828. | 11,393. |
| 36 VAN WERT CO | POINT | 0. | 0. | 0. |
| | AREA | 3,732. | 1,812. | 14,205. |
| | TOTAL | 3,732. | 1,812. | 14,205. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 36 VINTON CO | POINT | 243. | 163. | 725. |
| | AREA | 934. | 656. | 4,257. |
| | TOTAL | 1,177. | 819. | 4,982. |
| 36 WARREN CO | POINT | 1,036. | 235. | 16. |
| | AREA | 8,052. | 4,395. | 36,187. |
| | TOTAL | 9,088. | 4,630. | 36,203. |
| 36 WASHINGTON CO | POINT | 32,840. | 79,808. | 92,838. |
| | AREA | 6,586. | 3,552. | 27,502. |
| | TOTAL | 39,426. | 83,360. | 120,340. |
| 36 WAYNE CO | POINT | 356. | 2,738. | 335. |
| | AREA | 12,686. | 5,824. | 42,665. |
| | TOTAL | 13,042. | 8,562. | 43,000. |
| 36 WILLIAMS CO | POINT | 2. | 54. | 3. |
| | AREA | 6,099. | 2,475. | 17,815. |
| | TOTAL | 6,101. | 2,529. | 17,818. |
| 36 WOOD CO | POINT | 72. | 476. | 38. |
| | AREA | 11,941. | 4,806. | 37,844. |
| | TOTAL | 12,013. | 5,282. | 37,882. |
| 36 WYANDOT CO | POINT | 0. | 1. | 2. |
| | AREA | 3,921. | 1,714. | 12,966. |
| | TOTAL | 3,921. | 1,715. | 12,968. |
| 37 ADAIR CO | POINT | 0. | 0. | 0. |
| | AREA | 1,579. | 1,247. | 8,339. |
| | TOTAL | 1,579. | 1,247. | 8,339. |
| 37 ALFALFA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,176. | 847. | 6,055. |
| | TOTAL | 1,176. | 847. | 6,055. |
| 37 ATOKA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,054. | 700. | 5,806. |
| | TOTAL | 1,054. | 700. | 5,806. |
| 37 BEAVER CO | POINT | 0. | 6. | 1. |
| | AREA | 1,051. | 720. | 5,881. |
| | TOTAL | 1,051. | 726. | 5,882. |
| 37 BECKHAM CO | POINT | 1. | 72. | 6. |
| | AREA | 1,997. | 1,186. | 11,970. |
| | TOTAL | 1,998. | 1,258. | 11,976. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 37 BLAINE CO | POINT | 0. | 2. | 0. |
| | AREA | 1,685. | 1,176. | 9,653. |
| | TOTAL | 1,685. | 1,178. | 9,653. |
| 37 BRYAN CO | POINT | 0. | 0. | 0. |
| | AREA | 3,468. | 2,001. | 17,695. |
| | TOTAL | 3,468. | 2,001. | 17,695. |
| 37 CADDO CO | POINT | 2,440. | 9,936. | 13,108. |
| | AREA | 3,277. | 2,588. | 18,758. |
| | TOTAL | 5,717. | 12,524. | 31,866. |
| 37 CANADIAN CO | POINT | 38. | 8,682. | 277. |
| | AREA | 5,109. | 2,935. | 31,807. |
| | TOTAL | 5,147. | 11,617. | 32,084. |
| 37 CARTER CO | POINT | 16,070. | 1,346. | 141. |
| | AREA | 6,293. | 3,423. | 25,028. |
| | TOTAL | 22,363. | 4,769. | 25,169. |
| 37 CHEROKEE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,155. | 1,517. | 12,830. |
| | TOTAL | 2,155. | 1,517. | 12,830. |
| 37 CHOCTAW CO | POINT | 0. | 0. | 0. |
| | AREA | 1,327. | 886. | 7,745. |
| | TOTAL | 1,327. | 886. | 7,745. |
| 37 CIMARRON CO | POINT | 0. | 0. | 0. |
| | AREA | 723. | 456. | 4,136. |
| | TOTAL | 723. | 456. | 4,136. |
| 37 CLEVELAND CO | POINT | 0. | 18. | 1. |
| | AREA | 8,280. | 5,278. | 51,025. |
| | TOTAL | 8,280. | 5,296. | 51,026. |
| 37 COAL CO | POINT | 0. | 0. | 0. |
| | AREA | 584. | 504. | 3,213. |
| | TOTAL | 584. | 504. | 3,213. |
| 37 COMANCHE CO | POINT | 5. | 2,015. | 96. |
| | AREA | 9,672. | 5,903. | 52,976. |
| | TOTAL | 9,677. | 7,918. | 53,072. |
| 37 COTTON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,009. | 667. | 5,725. |
| | TOTAL | 1,009. | 667. | 5,725. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | <br>NOX | *<br>CO |
|---|---|---|---|---|
| 37 CRAIG CO | POINT | 0. | 0. | 0. |
| | AREA | 1,798. | 1,194. | 9,585. |
| | TOTAL | 1,798. | 1,194. | 9,585. |
| 37 CREEK CO | POINT | 3. | 47. | 15. |
| | AREA | 5,484. | 4,104. | 29,588. |
| | TOTAL | 5,487. | 4,151. | 29,603. |
| 37 CUSTER CO | POINT | 4. | 4. | 1. |
| | AREA | 2,801. | 1,619. | 16,324. |
| | TOTAL | 2,805. | 1,623. | 16,325. |
| 37 DELAWARE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,647. | 1,799. | 12,872. |
| | TOTAL | 2,647. | 1,799. | 12,872. |
| 37 DEWEY CO | POINT | 0. | 7. | 0. |
| | AREA | 872. | 703. | 4,807. |
| | TOTAL | 872. | 710. | 4,807. |
| 37 ELLIS CO | POINT | 0. | 0. | 0. |
| | AREA | 767. | 568. | 4,316. |
| | TOTAL | 767. | 568. | 4,316. |
| 37 GARFIELD CO | POINT | 10,020. | 2,599. | 41,210. |
| | AREA | 6,630. | 4,642. | 36,668. |
| | TOTAL | 16,650. | 7,241. | 77,878. |
| 37 GARVIN CO | POINT | 4,035. | 1,412. | 103. |
| | AREA | 3,003. | 2,077. | 16,592. |
| | TOTAL | 7,038. | 3,489. | 16,695. |
| 37 GRADY CO | POINT | 0. | 12. | 1. |
| | AREA | 4,409. | 2,648. | 21,971. |
| | TOTAL | 4,409. | 2,660. | 21,972. |
| 37 GRANT CO | POINT | 0. | 0. | 0. |
| | AREA | 1,032. | 905. | 6,076. |
| | TOTAL | 1,032. | 905. | 6,076. |
| 37 GREER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,039. | 695. | 7,497. |
| | TOTAL | 1,039. | 695. | 7,497. |
| 37 HARMON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,140. | 666. | 9,392. |
| | TOTAL | 1,140. | 666. | 9,392. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 37 HARPER CO | POINT | 1. | 115. | 10. |
| | AREA | 778. | 588. | 4,259. |
| | TOTAL | 779. | 703. | 4,269. |
| 37 HASKELL CO | POINT | 0. | 0. | 0. |
| | AREA | 898. | 696. | 4,527. |
| | TOTAL | 898. | 696. | 4,527. |
| 37 HUGHES CO | POINT | 0. | 0. | 0. |
| | AREA | 1,507. | 1,018. | 8,430. |
| | TOTAL | 1,507. | 1,018. | 8,430. |
| 37 JACKSON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,665. | 1,739. | 16,819. |
| | TOTAL | 2,665. | 1,739. | 16,819. |
| 37 JEFFERSON CO | POINT | 0. | 0. | 0. |
| | AREA | 915. | 734. | 4,554. |
| | TOTAL | 915. | 734. | 4,554. |
| 37 JOHNSTON CO | POINT | 13. | 6. | 0. |
| | AREA | 948. | 550. | 5,011. |
| | TOTAL | 961. | 556. | 5,011. |
| 37 KAY CO | POINT | 16,066. | 2,197. | 101,230. |
| | AREA | 5,752. | 3,143. | 30,019. |
| | TOTAL | 21,818. | 5,340. | 131,249. |
| 37 KINGFISHER CO | POINT | 29. | 2,060. | 193. |
| | AREA | 1,662. | 1,262. | 10,302. |
| | TOTAL | 1,691. | 3,322. | 10,495. |
| 37 KIOWA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,664. | 1,123. | 9,509. |
| | TOTAL | 1,664. | 1,123. | 9,509. |
| 37 LATIMER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,325. | 722. | 7,011. |
| | TOTAL | 1,325. | 722. | 7,011. |
| 37 LE FLORE CO | POINT | 476. | 0. | 1,524. |
| | AREA | 3,741. | 2,541. | 21,213. |
| | TOTAL | 4,217. | 2,541. | 22,737. |
| 37 LINCOLN CO | POINT | 1,906. | 120. | 2. |
| | AREA | 2,402. | 1,749. | 12,888. |
| | TOTAL | 4,308. | 1,869. | 12,890. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 37 LOGAN CO | POINT | 0. | 15. | 0. |
| | AREA | 2,830. | 1,650. | 13,843. |
| | TOTAL | 2,830. | 1,665. | 13,843. |
| 37 LOVE CO | POINT | 0. | 0. | 0. |
| | AREA | 954. | 594. | 4,045. |
| | TOTAL | 954. | 594. | 4,045. |
| 37 MC CLAIN CO | POINT | 0. | 23. | 2. |
| | AREA | 1,765. | 1,357. | 9,733. |
| | TOTAL | 1,765. | 1,380. | 9,735. |
| 37 MC CURTAIN CO | POINT | 0. | 0. | 0. |
| | AREA | 3,892. | 2,338. | 17,840. |
| | TOTAL | 3,892. | 2,338. | 17,840. |
| 37 MC INTOSH CO | POINT | 0. | 0. | 0. |
| | AREA | 2,429. | 1,035. | 10,651. |
| | TOTAL | 2,429. | 1,035. | 10,651. |
| 37 MAJOR CO | POINT | 0. | 41. | 3. |
| | AREA | 1,213. | 796. | 6,853. |
| | TOTAL | 1,213. | 837. | 6,856. |
| 37 MARSHALL CO | POINT | 0. | 45. | 4. |
| | AREA | 1,634. | 706. | 7,315. |
| | TOTAL | 1,634. | 751. | 7,319. |
| 37 MAYES CO | POINT | 1. | 839. | 15. |
| | AREA | 2,990. | 2,212. | 15,671. |
| | TOTAL | 2,991. | 3,051. | 15,686. |
| 37 MURRAY CO | POINT | 2. | 1,434. | 34. |
| | AREA | 1,240. | 793. | 6,983. |
| | TOTAL | 1,242. | 2,227. | 7,017. |
| 37 MUSKOGEE CO | POINT | 83. | 3,121. | 316. |
| | AREA | 6,835. | 4,393. | 37,867. |
| | TOTAL | 6,918. | 12,514. | 38,183. |
| 37 NOBLE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,486. | 864. | 8,159. |
| | TOTAL | 1,486. | 864. | 8,159. |
| 37 NOWATA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,252. | 915. | 7,582. |
| | TOTAL | 1,252. | 915. | 7,582. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 37 OKFUSKEE CO | POINT | 0. | 115. | 3. |
| | AREA | 1,155. | 790. | 5,881. |
| | TOTAL | 1,155. | 905. | 5,884. |
| 37 OKLAHOMA CO | POINT | 4,379. | 11,268. | 305. |
| | AREA | 60,100. | 32,029. | 338,916. |
| | TOTAL | 64,479. | 43,297. | 339,221. |
| 37 OKMULGEE CO | POINT | 7,300. | 212. | 28,729. |
| | AREA | 3,453. | 2,306. | 20,167. |
| | TOTAL | 10,753. | 2,518. | 48,896. |
| 37 OSAGE CO | POINT | 58. | 463. | 13. |
| | AREA | 6,321. | 3,577. | 27,327. |
| | TOTAL | 6,379. | 4,040. | 27,340. |
| 37 OTTAWA CO | POINT | 1. | 141. | 5. |
| | AREA | 3,667. | 2,340. | 19,436. |
| | TOTAL | 3,668. | 2,481. | 19,441. |
| 37 PAWNEE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,772. | 1,107. | 9,179. |
| | TOTAL | 1,772. | 1,107. | 9,179. |
| 37 PAYNE CO | POINT | 6,330. | 870. | 28,211. |
| | AREA | 4,616. | 2,761. | 24,409. |
| | TOTAL | 10,946. | 3,631. | 52,620. |
| 37 PITTSBURG CO | POINT | 12. | 39. | 35. |
| | AREA | 4,874. | 2,232. | 22,787. |
| | TOTAL | 4,886. | 2,271. | 22,822. |
| 37 PONTOTOC CO | POINT | 3,174. | 54. | 0. |
| | AREA | 3,320. | 2,308. | 17,901. |
| | TOTAL | 6,494. | 2,362. | 17,901. |
| 37 POTTAWATOMIE CO | POINT | 0. | 0. | 0. |
| | AREA | 5,584. | 3,424. | 32,453. |
| | TOTAL | 5,584. | 3,424. | 32,453. |
| 37 PUSHMATAHA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,700. | 768. | 9,875. |
| | TOTAL | 1,700. | 768. | 9,875. |
| 37 ROGER MILLS CO | POINT | 0. | 0. | 0. |
| | AREA | 595. | 465. | 3,673. |
| | TOTAL | 595. | 465. | 3,673. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 37 ROGERS CO | POINT | 15. | 6,919. | 256. |
| | AREA | 3,977. | 2,815. | 21,922. |
| | TOTAL | 3,992. | 9,734. | 22,178. |
| 37 SEMINOLE CO | POINT | 41. | 28,543. | 694. |
| | AREA | 2,943. | 1,815. | 16,141. |
| | TOTAL | 2,984. | 30,358. | 16,835. |
| 37 SEQUOYAH CO | POINT | 0. | 165. | 4. |
| | AREA | 2,950. | 1,915. | 14,444. |
| | TOTAL | 2,950. | 2,080. | 14,448. |
| 37 STEPHENS CO | POINT | 18,151. | 1,601. | 24,260. |
| | AREA | 5,058. | 2,885. | 28,557. |
| | TOTAL | 23,209. | 4,486. | 52,817. |
| 37 TEXAS CO | POINT | 2. | 177. | 15. |
| | AREA | 2,484. | 1,602. | 15,045. |
| | TOTAL | 2,486. | 1,779. | 15,060. |
| 37 TILLMAN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,528. | 942. | 7,915. |
| | TOTAL | 1,528. | 942. | 7,915. |
| 37 TULSA CO | POINT | 3,846. | 19,924. | 66,321. |
| | AREA | 52,885. | 27,215. | 261,481. |
| | TOTAL | 56,731. | 47,139. | 327,802. |
| 37 WAGONER CO | POINT | 0. | 0. | 0. |
| | AREA | 2,598. | 1,696. | 13,400. |
| | TOTAL | 2,598. | 1,696. | 13,400. |
| 37 WASHINGTON CO | POINT | 0. | 0. | 0. |
| | AREA | 5,244. | 2,609. | 25,091. |
| | TOTAL | 5,244. | 2,609. | 25,091. |
| 37 WASHITA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,582. | 1,196. | 9,225. |
| | TOTAL | 1,582. | 1,196. | 9,225. |
| 37 WOODS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,434. | 894. | 9,175. |
| | TOTAL | 1,434. | 894. | 9,175. |
| 37 WOODWARD CO | POINT | 8. | 5,953. | 144. |
| | AREA | 2,118. | 1,315. | 12,191. |
| | TOTAL | 2,126. | 7,268. | 12,335. |

| | | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | TYPE OF EMISSIONS | HC | NOX | CO |
| 38 BAKER CO | POINT | 101. | 1,490. | 121. |
| | AREA | 2,103. | 1,223. | 13,162. |
| | TOTAL | 2,204. | 2,713. | 13,283. |
| 38 BENTON CO | POINT | 133. | 198. | 59. |
| | AREA | 5,713. | 3,123. | 31,767. |
| | TOTAL | 5,846. | 3,321. | 31,826. |
| 38 CLACKAMAS CO | POINT | 371. | 1,462. | 397. |
| | AREA | 19,514. | 9,704. | 86,042. |
| | TOTAL | 19,885. | 11,166. | 86,439. |
| 38 CLATSOP CO | POINT | 98. | 743. | 3,915. |
| | AREA | 3,400. | 1,970. | 17,301. |
| | TOTAL | 3,498. | 2,713. | 21,216. |
| 38 COLUMBIA CO | POINT | 82. | 1,057. | 5,657. |
| | AREA | 4,472. | 2,782. | 18,904. |
| | TOTAL | 4,554. | 3,839. | 24,561. |
| 38 COOS CO | POINT | 670. | 1,620. | 973. |
| | AREA | 7,517. | 4,358. | 43,669. |
| | TOTAL | 8,187. | 5,978. | 44,642. |
| 38 CROOK CO | POINT | 155. | 777. | 154. |
| | AREA | 1,771. | 971. | 8,644. |
| | TOTAL | 1,926. | 1,748. | 8,798. |
| 38 CURRY CO | POINT | 279. | 390. | 1,235. |
| | AREA | 3,063. | 1,411. | 17,039. |
| | TOTAL | 3,342. | 1,801. | 18,274. |
| 38 DESCHUTES CO | POINT | 224. | 1,078. | 312. |
| | AREA | 4,721. | 3,034. | 23,620. |
| | TOTAL | 4,945. | 4,112. | 23,932. |
| 38 DOUGLAS CO | POINT | 1,649. | 6,095. | 1,689. |
| | AREA | 16,625. | 7,207. | 87,290. |
| | TOTAL | 18,274. | 13,302. | 88,979. |
| 38 GILLIAM CO | POINT | 0. | 0. | 0. |
| | AREA | 292. | 244. | 1,390. |
| | TOTAL | 292. | 244. | 1,390. |
| 38 GRANT CO | POINT | 62. | 223. | 351. |
| | AREA | 1,620. | 834. | 9,000. |
| | TOTAL | 1,682. | 1,057. | 9,351. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 38 HARNEY CO | POINT | 144. | 565. | 128. |
| | AREA | 892. | 737. | 5,661. |
| | TOTAL | 1,036. | 1,302. | 5,789. |
| 38 HOOD RIVER CO | POINT | 354. | 778. | 202. |
| | AREA | 1,979. | 1,252. | 10,686. |
| | TOTAL | 2,333. | 2,030. | 10,888. |
| 38 JACKSON CO | POINT | 2,901. | 3,135. | 2,492. |
| | AREA | 12,637. | 7,357. | 70,899. |
| | TOTAL | 15,538. | 10,492. | 73,391. |
| 38 JEFFERSON CO | POINT | 159. | 769. | 283. |
| | AREA | 1,167. | 844. | 5,837. |
| | TOTAL | 1,326. | 1,613. | 6,120. |
| 38 JOSEPHINE CO | POINT | 186. | 623. | 1,402. |
| | AREA | 5,723. | 3,038. | 30,711. |
| | TOTAL | 5,909. | 3,661. | 32,113. |
| 38 KLAMATH CO | POINT | 640. | 1,869. | 833. |
| | AREA | 7,513. | 3,747. | 40,607. |
| | TOTAL | 8,153. | 5,616. | 41,440. |
| 38 LAKE CO | POINT | 28. | 130. | 404. |
| | AREA | 2,404. | 615. | 14,200. |
| | TOTAL | 2,432. | 745. | 14,604. |
| 38 LANE CO | POINT | 3,114. | 7,692. | 2,773. |
| | AREA | 30,875. | 15,699. | 167,793. |
| | TOTAL | 33,989. | 23,391. | 170,566. |
| 38 LINCOLN CO | POINT | 427. | 2,081. | 713. |
| | AREA | 3,920. | 2,091. | 22,029. |
| | TOTAL | 4,347. | 4,172. | 22,742. |
| 38 LINN CO | POINT | 1,475. | 2,174. | 1,273. |
| | AREA | 10,574. | 6,466. | 51,013. |
| | TOTAL | 12,049. | 8,640. | 52,286. |
| 38 MALHEUR CO | POINT | 1. | 906. | 5. |
| | AREA | 3,769. | 1,799. | 29,122. |
| | TOTAL | 3,770. | 2,705. | 29,127. |
| 38 MARION CO | POINT | 121. | 2,143. | 258. |
| | AREA | 19,245. | 11,432. | 112,863. |
| | TOTAL | 19,366. | 13,575. | 113,121. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 38 MORROW CO | POINT | 29. | 73. | 13. |
| | AREA | 709. | 620. | 3,447. |
| | TOTAL | 738. | 693. | 3,460. |
| 38 MULTNOMAH CO | POINT | 11,024. | 2,654. | 312. |
| | AREA | 76,383. | 37,073. | 410,145. |
| | TOTAL | 87,407. | 39,727. | 410,457. |
| 38 POLK CO | POINT | 206. | 782. | 148. |
| | AREA | 4,980. | 2,163. | 24,014. |
| | TOTAL | 5,186. | 2,945. | 24,162. |
| 38 SHERMAN CO | POINT | 0. | 0. | 0. |
| | AREA | 294. | 238. | 1,308. |
| | TOTAL | 294. | 238. | 1,308. |
| 38 TILLAMOOK CO | POINT | 108. | 230. | 1,284. |
| | AREA | 2,942. | 1,633. | 15,913. |
| | TOTAL | 3,050. | 1,863. | 17,197. |
| 38 UMATILLA CO | POINT | 2,057. | 470. | 153. |
| | AREA | 6,370. | 3,820. | 35,562. |
| | TOTAL | 8,427. | 4,290. | 35,715. |
| 38 UNION CO | POINT | 1,151. | 1,022. | 570. |
| | AREA | 2,640. | 1,596. | 14,613. |
| | TOTAL | 3,791. | 2,618. | 15,183. |
| 38 WALLOWA CO | POINT | 30. | 90. | 681. |
| | AREA | 1,222. | 790. | 7,063. |
| | TOTAL | 1,252. | 880. | 7,744. |
| 38 WASCO CO | POINT | 32. | 72. | 1,109. |
| | AREA | 2,549. | 1,704. | 16,074. |
| | TOTAL | 2,581. | 1,776. | 17,183. |
| 38 WASHINGTON CO | POINT | 484. | 571. | 312. |
| | AREA | 20,544. | 8,267. | 75,104. |
| | TOTAL | 21,028. | 8,838. | 75,416. |
| 38 WHEELER CO | POINT | 17. | 70. | 14. |
| | AREA | 475. | 231. | 2,801. |
| | TOTAL | 492. | 301. | 2,815. |
| 38 YAMHILL CO | POINT | 283. | 1,966. | 205. |
| | AREA | 5,606. | 3,353. | 30,648. |
| | TOTAL | 5,889. | 5,319. | 30,853. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 39 ADAMS CO | POINT | 126. | 158. | 42. |
| | AREA | 6,698. | 3,907. | 27,672. |
| | TOTAL | 6,824. | 4,065. | 27,714. |
| 39 ALLEGHENY CO | POINT | 30,103. | 57,789. | 144,946. |
| | AREA | 104,391. | 46,679. | 438,664. |
| | TOTAL | 134,494. | 104,468. | 583,610. |
| 39 ARMSTRONG CO | POINT | 635. | 37,856. | 2,105. |
| | AREA | 5,436. | 4,267. | 25,079. |
| | TOTAL | 6,071. | 42,123. | 27,184. |
| 39 BEAVER CO | POINT | 6,929. | 24,402. | 51,853. |
| | AREA | 13,683. | 7,830. | 61,007. |
| | TOTAL | 20,612. | 32,232. | 112,860. |
| 39 BEDFORD CO | POINT | 0. | 3. | 0. |
| | AREA | 4,048. | 2,964. | 16,893. |
| | TOTAL | 4,048. | 2,967. | 16,893. |
| 39 BERKS CO | POINT | 6,233. | 10,253. | 6,808. |
| | AREA | 34,223. | 15,253. | 140,808. |
| | TOTAL | 40,456. | 25,506. | 147,616. |
| 39 BLAIR CO | POINT | 658. | 2,543. | 887. |
| | AREA | 12,152. | 6,194. | 54,962. |
| | TOTAL | 12,810. | 8,737. | 55,849. |
| 39 BRADFORD CO | POINT | 2,473. | 492. | 1,979. |
| | AREA | 5,354. | 3,354. | 20,271. |
| | TOTAL | 7,827. | 3,846. | 22,250. |
| 39 BUCKS CO | POINT | 22,303. | 6,094. | 66,452. |
| | AREA | 39,059. | 18,118. | 157,057. |
| | TOTAL | 61,362. | 24,212. | 223,509. |
| 39 BUTLER CO | POINT | 602. | 2,862. | 105,228. |
| | AREA | 11,436. | 7,236. | 45,216. |
| | TOTAL | 12,038. | 10,098. | 150,444. |
| 39 CAMBRIA CO | POINT | 2,996. | 2,706. | 96,916. |
| | AREA | 13,443. | 8,032. | 56,098. |
| | TOTAL | 16,439. | 10,738. | 153,014. |
| 39 CAMERON CO | POINT | 23. | 115. | 23. |
| | AREA | 837. | 341. | 2,698. |
| | TOTAL | 860. | 456. | 2,721. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 39 CARBON CO | POINT | 0. | 67. | 3,756. |
| | AREA | 5,300. | 2,418. | 23,627. |
| | TOTAL | 5,300. | 2,485. | 27,383. |
| 39 CENTRE CO | POINT | 71. | 823. | 102. |
| | AREA | 7,726. | 4,918. | 35,520. |
| | TOTAL | 7,797. | 5,741. | 35,622. |
| 39 CHESTER CO | POINT | 5,507. | 5,644. | 438. |
| | AREA | 28,560. | 15,434. | 112,985. |
| | TOTAL | 34,067. | 21,078. | 113,423. |
| 39 CLARION CO | POINT | 64. | 611. | 18. |
| | AREA | 3,449. | 2,479. | 13,711. |
| | TOTAL | 3,513. | 3,090. | 13,729. |
| 39 CLEARFIELD CO | POINT | 268. | 15,447. | 865. |
| | AREA | 6,436. | 4,211. | 26,253. |
| | TOTAL | 6,704. | 19,658. | 27,118. |
| 39 CLINTON CO | POINT | 285. | 1,603. | 223. |
| | AREA | 3,100. | 1,902. | 13,598. |
| | TOTAL | 3,385. | 3,505. | 13,821. |
| 39 COLUMBIA CO | POINT | 6. | 334. | 70. |
| | AREA | 7,204. | 3,629. | 29,688. |
| | TOTAL | 7,210. | 3,963. | 29,758. |
| 39 CRAWFORD CO | POINT | 1,215. | 10,531. | 1,723. |
| | AREA | 8,279. | 4,573. | 27,571. |
| | TOTAL | 9,494. | 15,104. | 29,294. |
| 39 CUMBERLAND CO | POINT | 1,782. | 375. | 39. |
| | AREA | 16,723. | 9,089. | 81,765. |
| | TOTAL | 18,505. | 9,464. | 81,804. |
| 39 DAUPHIN CO | POINT | 1,481. | 2,477. | 1,571. |
| | AREA | 18,931. | 10,009. | 86,574. |
| | TOTAL | 20,412. | 12,486. | 88,145. |
| 39 DELAWARE CO | POINT | 29,983. | 25,203. | 8,658. |
| | AREA | 44,199. | 19,194. | 215,907. |
| | TOTAL | 74,182. | 44,397. | 224,565. |
| 39 ELK CO | POINT | 68. | 1,193. | 3,441. |
| | AREA | 4,325. | 1,757. | 12,957. |
| | TOTAL | 4,393. | 2,950. | 16,398. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 39 ERIE CO | POINT | 690. | 6,066. | 1,648. |
| | AREA | 27,730. | 10,987. | 87,693. |
| | TOTAL | 28,420. | 17,053. | 89,341. |
| 39 FAYETTE CO | POINT | 90. | 122. | 90. |
| | AREA | 11,911. | 7,348. | 54,497. |
| | TOTAL | 12,001. | 7,470. | 54,587. |
| 39 FOREST CO | POINT | 8. | 43. | 9. |
| | AREA | 646. | 334. | 1,830. |
| | TOTAL | 654. | 377. | 1,839. |
| 39 FRANKLIN CO | POINT | 242. | 272. | 204. |
| | AREA | 10,911. | 5,855. | 44,337. |
| | TOTAL | 11,153. | 6,127. | 44,541. |
| 39 FULTON CO | POINT | 0. | 1. | 1. |
| | AREA | 938. | 735. | 4,452. |
| | TOTAL | 938. | 736. | 4,453. |
| 39 GREENE CO | POINT | 530. | 31,886. | 1,770. |
| | AREA | 2,335. | 1,918. | 11,153. |
| | TOTAL | 2,865. | 33,804. | 12,923. |
| 39 HUNTINGDON CO | POINT | 36. | 177. | 13. |
| | AREA | 4,382. | 2,293. | 15,455. |
| | TOTAL | 4,418. | 2,470. | 15,468. |
| 39 INDIANA CO | POINT | 1,367. | 52,973. | 2,995. |
| | AREA | 6,424. | 4,275. | 25,301. |
| | TOTAL | 7,791. | 57,248. | 28,296. |
| 39 JEFFERSON CO | POINT | 133. | 57. | 311. |
| | AREA | 4,393. | 2,520. | 17,069. |
| | TOTAL | 4,526. | 2,577. | 17,380. |
| 39 JUNIATA CO | POINT | 0. | 1. | 0. |
| | AREA | 1,683. | 1,265. | 7,310. |
| | TOTAL | 1,683. | 1,266. | 7,310. |
| 39 LACKAWANNA CO | POINT | 1,878. | 772. | 217. |
| | AREA | 20,521. | 7,819. | 82,254. |
| | TOTAL | 22,399. | 8,591. | 82,471. |
| 39 LANCASTER CO | POINT | 13,258. | 4,615. | 785. |
| | AREA | 37,080. | 17,627. | 149,625. |
| | TOTAL | 50,338. | 22,242. | 150,410. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 39 LAWRENCE CO | POINT | 137. | 14,822. | 2,864. |
| | AREA | 9,478. | 4,896. | 38,968. |
| | TOTAL | 9,615. | 19,718. | 41,832. |
| 39 LEBANON CO | POINT | 2,114. | 1,148. | 102. |
| | AREA | 11,151. | 5,882. | 47,163. |
| | TOTAL | 13,265. | 7,030. | 47,265. |
| 39 LEHIGH CO | POINT | 1,428. | 1,881. | 510. |
| | AREA | 27,730. | 11,354. | 104,346. |
| | TOTAL | 29,158. | 13,235. | 104,856. |
| 39 LUZERNE CO | POINT | 154. | 7,213. | 1,665. |
| | AREA | 30,857. | 12,160. | 117,314. |
| | TOTAL | 31,011. | 19,373. | 118,979. |
| 39 LYCOMING CO | POINT | 929. | 83. | 566. |
| | AREA | 13,342. | 5,812. | 44,327. |
| | TOTAL | 14,271. | 5,895. | 44,893. |
| 39 MC KEAN CO | POINT | 36. | 794. | 66. |
| | AREA | 5,039. | 2,574. | 15,805. |
| | TOTAL | 5,075. | 3,368. | 15,871. |
| 39 MERCER CO | POINT | 392. | 1,150. | 13,921. |
| | AREA | 9,698. | 5,873. | 41,499. |
| | TOTAL | 10,090. | 7,023. | 55,420. |
| 39 MIFFLIN CO | POINT | 180. | 365. | 2,231. |
| | AREA | 4,020. | 2,397. | 18,507. |
| | TOTAL | 4,200. | 2,762. | 20,738. |
| 39 MONROE CO | POINT | 58. | 943. | 173. |
| | AREA | 5,210. | 3,255. | 19,407. |
| | TOTAL | 5,268. | 4,198. | 19,580. |
| 39 MONTGOMERY CO | POINT | 14,228. | 3,007. | 26,250. |
| | AREA | 62,935. | 25,357. | 242,437. |
| | TOTAL | 77,163. | 28,364. | 268,687. |
| 39 MONTOUR CO | POINT | 699. | 35,315. | 2,030. |
| | AREA | 1,558. | 992. | 5,779. |
| | TOTAL | 2,257. | 36,307. | 7,809. |
| 39 NORTHAMPTON CO | POINT | 1,581. | 45,925. | 83,225. |
| | AREA | 22,675. | 10,882. | 113,560. |
| | TOTAL | 24,256. | 56,807. | 196,785. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 39 NORTHUMBERLAND CO | POINT | 1,451. | 859. | 3,416. |
| | AREA | 11,144. | 4,855. | 44,016. |
| | TOTAL | 12,595. | 5,714. | 47,432. |
| 39 PERRY CO | POINT | 0. | 0. | 0. |
| | AREA | 2,365. | 2,025. | 10,830. |
| | TOTAL | 2,365. | 2,025. | 10,830. |
| 39 PHILADELPHIA CO | POINT | 18,983. | 25,535. | 9,091. |
| | AREA | 110,070. | 54,142. | 563,377. |
| | TOTAL | 129,053. | 79,677. | 572,468. |
| 39 PIKE CO | POINT | 0. | 21. | 1. |
| | AREA | 1,266. | 865. | 5,036. |
| | TOTAL | 1,266. | 886. | 5,037. |
| 39 POTTER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,164. | 901. | 5,184. |
| | TOTAL | 1,164. | 901. | 5,184. |
| 39 SCHUYLKILL CO | POINT | 272. | 952. | 233. |
| | AREA | 16,221. | 7,285. | 68,129. |
| | TOTAL | 16,493. | 8,237. | 68,362. |
| 39 SNYDER CO | POINT | 387. | 15,253. | 856. |
| | AREA | 2,975. | 2,008. | 12,069. |
| | TOTAL | 3,362. | 17,261. | 12,925. |
| 39 SOMERSET CO | POINT | 0. | 9. | 101. |
| | AREA | 6,200. | 4,594. | 29,314. |
| | TOTAL | 6,200. | 4,603. | 29,415. |
| 39 SULLIVAN CO | POINT | 0. | 0. | 0. |
| | AREA | 511. | 418. | 2,169. |
| | TOTAL | 511. | 418. | 2,169. |
| 39 SUSQUEHANNA CO | POINT | 0. | 0. | 0. |
| | AREA | 2,811. | 2,250. | 11,468. |
| | TOTAL | 2,811. | 2,250. | 11,468. |
| 39 TIOGA CO | POINT | 5. | 149. | 414. |
| | AREA | 3,241. | 2,387. | 14,441. |
| | TOTAL | 3,246. | 2,536. | 14,855. |
| 39 UNION CO | POINT | 256. | 378. | 43. |
| | AREA | 2,978. | 1,596. | 11,169. |
| | TOTAL | 3,234. | 1,974. | 11,212. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 39 VENANGO CO | POINT | 5,406. | 1,648. | 351. |
| | AREA | 6,153. | 2,873. | 22,757. |
| | TOTAL | 11,559. | 4,521. | 23,108. |
| 39 WARREN CO | POINT | 154. | 4,339. | 254. |
| | AREA | 4,867. | 2,412. | 13,758. |
| | TOTAL | 5,021. | 6,751. | 14,012. |
| 39 WASHINGTON CO | POINT | 622. | 21,249. | 4,274. |
| | AREA | 16,503. | 9,793. | 73,490. |
| | TOTAL | 17,125. | 31,042. | 77,764. |
| 39 WAYNE CO | POINT | 0. | 39. | 181. |
| | AREA | 3,370. | 2,306. | 14,484. |
| | TOTAL | 3,370. | 2,345. | 14,665. |
| 39 WESTMORELAND CO | POINT | 2,298. | 1,139. | 16,308. |
| | AREA | 28,840. | 14,968. | 121,853. |
| | TOTAL | 31,138. | 16,107. | 138,161. |
| 39 WYOMING CO | POINT | 77. | 813. | 108. |
| | AREA | 3,215. | 1,780. | 8,272. |
| | TOTAL | 3,292. | 2,593. | 8,380. |
| 39 YORK CO | POINT | 2,337. | 37,005. | 2,201. |
| | AREA | 37,571. | 15,168. | 130,306. |
| | TOTAL | 39,908. | 52,173. | 132,507. |
| | POINT | 0. | 0. | 0. |
| | AREA | 4,205. | 1,671. | 11,456. |
| | TOTAL | 4,205. | 1,671. | 11,456. |
| | POINT | 0. | 0. | 0. |
| | AREA | 3,547. | 822. | 19,859. |
| | TOTAL | 3,547. | 822. | 19,859. |
| | POINT | 0. | 0. | 0. |
| | AREA | 1,035. | 564. | 7,655. |
| | TOTAL | 1,035. | 564. | 7,655. |
| | POINT | 0. | 0. | 0. |
| | AREA | 357. | 251. | 2,156. |
| | TOTAL | 357. | 251. | 2,156. |
| | POINT | 0. | 0. | 0. |
| | AREA | 312. | 255. | 1,610. |
| | TOTAL | 312. | 255. | 1,610. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS * | | |
|---|---|---|---|---|
| | | HC | NOX | CO |
| | POINT | 0. | 0. | 0. |
| | AREA | 332. | 273. | 1,735. |
| | TOTAL | 332. | 273. | 1,735. |
| | POINT | 0. | 0. | 0. |
| | AREA | 3,827. | 1,275. | 24,670. |
| | TOTAL | 3,827. | 1,275. | 24,670. |
| | POINT | 0. | 0. | 0. |
| | AREA | 280. | 179. | 1,588. |
| | TOTAL | 280. | 179. | 1,588. |
| | POINT | 0. | 0. | 0. |
| | AREA | 366. | 315. | 1,861. |
| | TOTAL | 366. | 315. | 1,861. |
| | POINT | 0. | 0. | 0. |
| | AREA | 342. | 278. | 1,797. |
| | TOTAL | 342. | 278. | 1,797. |
| | POINT | 0. | 0. | 0. |
| | AREA | 2,622. | 1,423. | 18,066. |
| | TOTAL | 2,622. | 1,423. | 18,066. |
| | POINT | 0. | 0. | 0. |
| | AREA | 1,236. | 423. | 6,128. |
| | TOTAL | 1,236. | 423. | 6,128. |
| | POINT | 0. | 0. | 0. |
| | AREA | 1,953. | 1,033. | 14,260. |
| | TOTAL | 1,953. | 1,033. | 14,260. |
| | POINT | 0. | 0. | 0. |
| | AREA | 365. | 275. | 2,045. |
| | TOTAL | 365. | 275. | 2,045. |
| | POINT | 0. | 0. | 0. |
| | AREA | 2,758. | 1,921. | 14,708. |
| | TOTAL | 2,758. | 1,921. | 14,708. |
| | POINT | 0. | 0. | 0. |
| | AREA | 455. | 279. | 3,065. |
| | TOTAL | 455. | 279. | 3,065. |
| | POINT | 0. | 0. | 0. |
| | AREA | 775. | 405. | 5,729. |
| | TOTAL | 775. | 405. | 5,729. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS * HC | NOX | CO |
|---|---|---|---|---|
| | POINT | 0. | 0. | 0. |
| | AREA | 166. | 150. | 830. |
| | TOTAL | 166. | 150. | 830. |
| | POINT | 0. | 0. | 0. |
| | AREA | 253. | 206. | 1,439. |
| | TOTAL | 253. | 206. | 1,439. |
| | POINT | 0. | 0. | 0. |
| | AREA | 388. | 321. | 2,206. |
| | TOTAL | 388. | 321. | 2,206. |
| | POINT | 0. | 0. | 0. |
| | AREA | 615. | 317. | 4,651. |
| | TOTAL | 615. | 317. | 4,651. |
| | POINT | 0. | 0. | 0. |
| | AREA | 290. | 266. | 1,514. |
| | TOTAL | 290. | 266. | 1,514. |
| | POINT | 0. | 0. | 0. |
| | AREA | 422. | 345. | 2,193. |
| | TOTAL | 422. | 345. | 2,193. |
| | POINT | 0. | 0. | 0. |
| | AREA | 0. | 0. | 0. |
| | TOTAL | 0. | 0. | 0. |
| | POINT | 0. | 0. | 0. |
| | AREA | 206. | 158. | 1,288. |
| | TOTAL | 206. | 158. | 1,288. |
| | POINT | 0. | 0. | 0. |
| | AREA | 1,845. | 417. | 10,778. |
| | TOTAL | 1,845. | 417. | 10,778. |
| | POINT | 0. | 0. | 0. |
| | AREA | 6,013. | 1,172. | 33,974. |
| | TOTAL | 6,013. | 1,172. | 33,974. |
| | POINT | 0. | 0. | 0. |
| | AREA | 1,007. | 413. | 6,781. |
| | TOTAL | 1,007. | 413. | 6,781. |
| | POINT | 0. | 0. | 0. |
| | AREA | 926. | 429. | 5,159. |
| | TOTAL | 926. | 429. | 5,159. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| | POINT | 0. | 0. | 0. |
| | AREA | 1,089. | 681. | 7,763. |
| | TOTAL | 1,089. | 681. | 7,763. |
| | POINT | 0. | 0. | 0. |
| | AREA | 288. | 246. | 1,470. |
| | TOTAL | 288. | 246. | 1,470. |
| | POINT | 0. | 0. | 0. |
| | AREA | 393. | 321. | 2,251. |
| | TOTAL | 393. | 321. | 2,251. |
| | POINT | 0. | 0. | 0. |
| | AREA | 1,262. | 304. | 7,221. |
| | TOTAL | 1,262. | 304. | 7,221. |
| | POINT | 0. | 0. | 0. |
| | AREA | 1,135. | 444. | 6,341. |
| | TOTAL | 1,135. | 444. | 6,341. |
| | POINT | 0. | 0. | 0. |
| | AREA | 480. | 401. | 2,445. |
| | TOTAL | 480. | 401. | 2,445. |
| | POINT | 0. | 0. | 0. |
| | AREA | 225. | 171. | 1,253. |
| | TOTAL | 225. | 171. | 1,253. |
| | POINT | 0. | 0. | 0. |
| | AREA | 830. | 435. | 6,372. |
| | TOTAL | 830. | 435. | 6,372. |
| | POINT | 0. | 0. | 0. |
| | AREA | 1,439. | 427. | 9,207. |
| | TOTAL | 1,439. | 427. | 9,207. |
| | POINT | 0. | 0. | 0. |
| | AREA | 608. | 265. | 3,181. |
| | TOTAL | 608. | 265. | 3,181. |
| | POINT | 0. | 0. | 0. |
| | AREA | 457. | 341. | 2,592. |
| | TOTAL | 457. | 341. | 2,592. |
| | POINT | 0. | 0. | 0. |
| | AREA | 133. | 106. | 700. |
| | TOTAL | 133. | 106. | 700. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| | POINT | 0. | 0. | 0. |
| | AREA | 421. | 243. | 3,185. |
| | TOTAL | 421. | 243. | 3,185. |
| | POINT | 0. | 0. | 0. |
| | AREA | 603. | 511. | 3,139. |
| | TOTAL | 603. | 511. | 3,139. |
| | POINT | 0. | 0. | 0. |
| | AREA | 183. | 145. | 929. |
| | TOTAL | 183. | 145. | 929. |
| | POINT | 0. | 0. | 0. |
| | AREA | 2,873. | 808. | 16,343. |
| | TOTAL | 2,873. | 808. | 16,343. |
| | POINT | 0. | 0. | 0. |
| | AREA | 102. | 80. | 535. |
| | TOTAL | 102. | 80. | 535. |
| | POINT | 0. | 0. | 0. |
| | AREA | 180. | 146. | 963. |
| | TOTAL | 180. | 146. | 963. |
| | POINT | 0. | 0. | 0. |
| | AREA | 3,975. | 1,411. | 25,012. |
| | TOTAL | 3,975. | 1,411. | 25,012. |
| | POINT | 0. | 0. | 0. |
| | AREA | 403. | 311. | 2,295. |
| | TOTAL | 403. | 311. | 2,295. |
| | POINT | 0. | 0. | 0. |
| | AREA | 322. | 266. | 1,703. |
| | TOTAL | 322. | 266. | 1,703. |
| | POINT | 0. | 0. | 0. |
| | AREA | 284. | 224. | 1,444. |
| | TOTAL | 284. | 224. | 1,444. |
| | POINT | 0. | 0. | 0. |
| | AREA | 343. | 272. | 1,779. |
| | TOTAL | 343. | 272. | 1,779. |
| | POINT | 0. | 0. | 0. |
| | AREA | 336. | 275. | 1,804. |
| | TOTAL | 336. | 275. | 1,804. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| | POINT | 0. | 0. | 0. |
| | AREA | 318. | 239. | 1,829. |
| | TOTAL | 318. | 239. | 1,829. |
| | POINT | 0. | 0. | 0. |
| | AREA | 381. | 240. | 1,972. |
| | TOTAL | 381. | 240. | 1,972. |
| | POINT | 0. | 0. | 0. |
| | AREA | 4,304. | 2,041. | 26,482. |
| | TOTAL | 4,304. | 2,041. | 26,482. |
| | POINT | 0. | 0. | 0. |
| | AREA | 267. | 230. | 1,393. |
| | TOTAL | 267. | 230. | 1,393. |
| | POINT | 0. | 0. | 0. |
| | AREA | 157. | 130. | 813. |
| | TOTAL | 157. | 130. | 813. |
| | POINT | 0. | 0. | 0. |
| | AREA | 516. | 289. | 3,874. |
| | TOTAL | 516. | 289. | 3,874. |
| | POINT | 0. | 0. | 0. |
| | AREA | 262. | 206. | 1,312. |
| | TOTAL | 262. | 206. | 1,312. |
| | POINT | 0. | 0. | 0. |
| | AREA | 3,005. | 755. | 17,431. |
| | TOTAL | 3,005. | 755. | 17,431. |
| | POINT | 0. | 0. | 0. |
| | AREA | 449. | 365. | 2,249. |
| | TOTAL | 449. | 365. | 2,249. |
| | POINT | 0. | 0. | 0. |
| | AREA | 10,200. | 5,896. | 57,794. |
| | TOTAL | 10,200. | 5,896. | 57,794. |
| | POINT | 0. | 0. | 0. |
| | AREA | 456. | 358. | 2,561. |
| | TOTAL | 456. | 358. | 2,561. |
| | POINT | 0. | 0. | 0. |
| | AREA | 2,665. | 774. | 15,319. |
| | TOTAL | 2,665. | 774. | 15,319. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| | POINT | 0. | 0. | 0. |
| | AREA | 800. | 293. | 4,538. |
| | TOTAL | 800. | 293. | 4,538. |
| | POINT | 0. | 0. | 0. |
| | AREA | 325. | 264. | 1,694. |
| | TOTAL | 325. | 264. | 1,694. |
| | POINT | 0. | 0. | 0. |
| | AREA | 483. | 465. | 2,470. |
| | TOTAL | 483. | 465. | 2,470. |
| | POINT | 0. | 0. | 0. |
| | AREA | 409. | 376. | 2,406. |
| | TOTAL | 409. | 376. | 2,406. |
| | POINT | 0. | 0. | 0. |
| | AREA | 554. | 452. | 2,851. |
| | TOTAL | 554. | 452. | 2,851. |
| | POINT | 0. | 0. | 0. |
| | AREA | 357. | 302. | 1,833. |
| | TOTAL | 357. | 302. | 1,833. |
| | POINT | 0. | 0. | 0. |
| | AREA | 559. | 473. | 2,840. |
| | TOTAL | 559. | 473. | 2,840. |
| | POINT | 0. | 0. | 0. |
| | AREA | 1. | 0. | 9. |
| | TOTAL | 1. | 0. | 9. |
| | POINT | 0. | 0. | 0. |
| | AREA | 181. | 138. | 1,124. |
| | TOTAL | 181. | 138. | 1,124. |
| | POINT | 0. | 0. | 0. |
| | AREA | 2,650. | 767. | 14,630. |
| | TOTAL | 2,650. | 767. | 14,630. |
| | POINT | 0. | 0. | 0. |
| | AREA | 821. | 421. | 6,168. |
| | TOTAL | 821. | 421. | 6,168. |
| 41 BRISTOL CO | POINT | 416. | 28. | 2. |
| | AREA | 3,691. | 1,177. | 14,305. |
| | TOTAL | 4,107. | 1,205. | 14,307. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 41 KENT CO | POINT | 1,986. | 278. | 893. |
| | AREA | 14,337. | 5,910. | 76,656. |
| | TOTAL | 16,323. | 6,188. | 77,549. |
| 41 NEWPORT CO | POINT | 553. | 385. | 28. |
| | AREA | 5,727. | 2,713. | 30,411. |
| | TOTAL | 6,280. | 3,098. | 30,439. |
| 41 PROVIDENCE CO | POINT | 13,225. | 4,278. | 2,887. |
| | AREA | 54,721. | 20,018. | 258,558. |
| | TOTAL | 67,946. | 24,296. | 261,445. |
| 41 WASHINGTON CO | POINT | 893. | 504. | 46. |
| | AREA | 9,373. | 4,085. | 48,417. |
| | TOTAL | 10,266. | 4,589. | 48,463. |
| 42 ABBEVILLE CO | POINT | 2. | 76. | 8. |
| | AREA | 2,779. | 1,136. | 10,316. |
| | TOTAL | 2,781. | 1,212. | 10,324. |
| 42 AIKEN CO | POINT | 1,019. | 15,275. | 857. |
| | AREA | 10,375. | 5,480. | 49,584. |
| | TOTAL | 11,394. | 20,755. | 50,441. |
| 42 ALLENDALE CO | POINT | 25. | 22. | 294. |
| | AREA | 991. | 575. | 4,411. |
| | TOTAL | 1,016. | 597. | 4,705. |
| 42 ANDERSON CO | POINT | 309. | 6,924. | 420. |
| | AREA | 13,423. | 7,070. | 58,890. |
| | TOTAL | 13,732. | 13,994. | 59,310. |
| 42 BAMBERG CO | POINT | 1. | 17. | 2. |
| | AREA | 1,820. | 865. | 7,832. |
| | TOTAL | 1,821. | 882. | 7,834. |
| 42 BARNWELL CO | POINT | 4. | 72. | 39. |
| | AREA | 2,292. | 1,114. | 10,271. |
| | TOTAL | 2,296. | 1,186. | 10,310. |
| 42 BEAUFORT CO | POINT | 1. | 79. | 6. |
| | AREA | 5,660. | 2,338. | 23,580. |
| | TOTAL | 5,661. | 2,417. | 23,586. |
| 42 BERKELEY CO | POINT | 7,508. | 17,731. | 735. |
| | AREA | 6,839. | 2,312. | 25,296. |
| | TOTAL | 14,347. | 20,043. | 26,031. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 42 CALHOUN CO | POINT | 79. | 0. | 0. |
| | AREA | 1,027. | 622. | 4,766. |
| | TOTAL | 1,106. | 622. | 4,766. |
| 42 CHARLESTON CO | POINT | 8,023. | 2,571. | 17,323. |
| | AREA | 22,147. | 10,082. | 101,991. |
| | TOTAL | 30,170. | 12,653. | 119,314. |
| 42 CHEROKEE CO | POINT | 15. | 366. | 71. |
| | AREA | 4,435. | 2,103. | 18,368. |
| | TOTAL | 4,450. | 2,469. | 18,439. |
| 42 CHESTER CO | POINT | 3. | 71. | 14. |
| | AREA | 3,503. | 1,625. | 13,160. |
| | TOTAL | 3,506. | 1,696. | 13,174. |
| 42 CHESTERFIELD CO | POINT | 15. | 65. | 5. |
| | AREA | 4,238. | 2,124. | 15,729. |
| | TOTAL | 4,253. | 2,189. | 15,734. |
| 42 CLARENDON CO | POINT | 0. | 0. | 0. |
| | AREA | 3,700. | 1,449. | 14,743. |
| | TOTAL | 3,700. | 1,449. | 14,743. |
| 42 COLLETON CO | POINT | 180. | 15,918. | 1,394. |
| | AREA | 3,712. | 1,732. | 17,175. |
| | TOTAL | 3,892. | 17,650. | 18,569. |
| 42 DARLINGTON CO | POINT | 583. | 9,399. | 449. |
| | AREA | 7,926. | 3,222. | 23,801. |
| | TOTAL | 8,509. | 12,621. | 24,250. |
| 42 DILLON CO | POINT | 5. | 40. | 6. |
| | AREA | 2,781. | 1,592. | 12,588. |
| | TOTAL | 2,786. | 1,632. | 12,594. |
| 42 DORCHESTER CO | POINT | 3. | 1,805. | 29. |
| | AREA | 3,872. | 2,506. | 16,495. |
| | TOTAL | 3,875. | 4,311. | 16,524. |
| 42 EDGEFIELD CO | POINT | 130. | 16. | 1,536. |
| | AREA | 1,641. | 857. | 6,840. |
| | TOTAL | 1,771. | 873. | 8,376. |
| 42 FAIRFIELD CO | POINT | 325. | 51. | 3,811. |
| | AREA | 2,028. | 1,056. | 7,972. |
| | TOTAL | 2,353. | 1,107. | 11,783. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 42 FLORENCE CO | POINT | 474. | 2,740. | 5,126. |
| | AREA | 12,292. | 5,900. | 46,929. |
| | TOTAL | 12,766. | 8,640. | 52,055. |
| 42 GEORGETOWN CO | POINT | 398. | 15,706. | 13,110. |
| | AREA | 5,093. | 2,101. | 19,204. |
| | TOTAL | 5,491. | 17,807. | 32,314. |
| 42 GREENVILLE CO | POINT | 584. | 778. | 154. |
| | AREA | 35,099. | 14,469. | 156,707. |
| | TOTAL | 35,683. | 15,247. | 156,861. |
| 42 GREENWOOD CO | POINT | 400. | 460. | 1,508. |
| | AREA | 6,707. | 3,202. | 30,603. |
| | TOTAL | 7,107. | 3,662. | 32,111. |
| 42 HAMPTON CO | POINT | 3,947. | 163. | 1,024. |
| | AREA | 2,947. | 1,200. | 10,302. |
| | TOTAL | 6,894. | 1,363. | 11,326. |
| 42 HORRY CO | POINT | 882. | 6,172. | 2,786. |
| | AREA | 8,343. | 4,565. | 33,506. |
| | TOTAL | 9,225. | 10,737. | 36,292. |
| 42 JASPER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,598. | 673. | 6,966. |
| | TOTAL | 1,598. | 673. | 6,966. |
| 42 KERSHAW CO | POINT | 2,513. | 1,653. | 2,284. |
| | AREA | 4,461. | 2,374. | 19,972. |
| | TOTAL | 6,974. | 4,027. | 22,256. |
| 42 LANCASTER CO | POINT | 6,467. | 1,227. | 73. |
| | AREA | 5,077. | 2,239. | 18,374. |
| | TOTAL | 11,544. | 3,466. | 18,447. |
| 42 LAURENS CO | POINT | 39. | 468. | 466. |
| | AREA | 5,430. | 2,631. | 21,562. |
| | TOTAL | 5,469. | 3,099. | 22,028. |
| 42 LEE CO | POINT | 37. | 324. | 128. |
| | AREA | 1,270. | 938. | 6,103. |
| | TOTAL | 1,307. | 1,262. | 6,231. |
| 42 LEXINGTON CO | POINT | 646. | 7,185. | 1,029. |
| | AREA | 13,645. | 6,456. | 62,359. |
| | TOTAL | 14,291. | 13,641. | 63,388. |

## EMISSION PROFILES OF COUNTIES

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 42 MC CORMICK CO | POINT | 34. | 67. | 395. |
| | AREA | 1,423. | 469. | 5,091. |
| | TOTAL | 1,457. | 536. | 5,486. |
| 42 MARION CO | POINT | 24. | 43. | 14. |
| | AREA | 4,076. | 1,707. | 15,235. |
| | TOTAL | 4,100. | 1,750. | 15,249. |
| 42 MARLBORO CO | POINT | 39. | 387. | 56. |
| | AREA | 3,258. | 1,499. | 13,909. |
| | TOTAL | 3,297. | 1,886. | 13,965. |
| 42 NEWBERRY CO | POINT | 365. | 1,001. | 2,301. |
| | AREA | 4,314. | 1,949. | 17,307. |
| | TOTAL | 4,679. | 2,950. | 19,608. |
| 42 OCONEE CO | POINT | 212. | 39. | 294. |
| | AREA | 4,956. | 2,423. | 20,616. |
| | TOTAL | 5,168. | 2,462. | 20,910. |
| 42 ORANGEBURG CO | POINT | 629. | 846. | 1,019. |
| | AREA | 7,855. | 4,390. | 30,121. |
| | TOTAL | 8,484. | 5,236. | 31,140. |
| 42 PICKENS CO | POINT | 117. | 484. | 226. |
| | AREA | 8,421. | 3,759. | 30,514. |
| | TOTAL | 8,538. | 4,243. | 30,740. |
| 42 RICHLAND CO | POINT | 210. | 20,165. | 695. |
| | AREA | 22,042. | 11,292. | 107,772. |
| | TOTAL | 22,252. | 31,457. | 108,467. |
| 42 SALUDA CO | POINT | 0. | 1. | 0. |
| | AREA | 1,422. | 894. | 6,296. |
| | TOTAL | 1,422. | 895. | 6,296. |
| 42 SPARTANBURG CO | POINT | 853. | 1,789. | 2,586. |
| | AREA | 22,727. | 10,706. | 81,841. |
| | TOTAL | 23,580. | 12,495. | 84,427. |
| 42 SUMTER CO | POINT | 4,084. | 282. | 227. |
| | AREA | 8,862. | 4,443. | 38,881. |
| | TOTAL | 12,946. | 4,725. | 39,108. |
| 42 UNION CO | POINT | 3,979. | 204. | 29. |
| | AREA | 2,969. | 1,480. | 12,264. |
| | TOTAL | 6,948. | 1,684. | 12,293. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 42 WILLIAMSBURG CO | POINT | 3. | 29. | 5. |
| | AREA | 4,195. | 1,857. | 14,923. |
| | TOTAL | 4,198. | 1,886. | 14,928. |
| 42 YORK CO | POINT | 6,322. | 6,244. | 8,623. |
| | AREA | 8,263. | 4,269. | 39,954. |
| | TOTAL | 14,585. | 10,513. | 48,577. |
| 43 AURORA CO | POINT | 0. | 0. | 0. |
| | AREA | 564. | 525. | 3,514. |
| | TOTAL | 564. | 525. | 3,514. |
| 43 BEADLE CO | POINT | 207. | 63. | 17. |
| | AREA | 2,060. | 1,355. | 11,974. |
| | TOTAL | 2,267. | 1,418. | 11,991. |
| 43 BENNETT CO | POINT | 0. | 0. | 0. |
| | AREA | 300. | 286. | 1,832. |
| | TOTAL | 300. | 286. | 1,832. |
| 43 BON HOMME CO | POINT | 0. | 0. | 0. |
| | AREA | 805. | 788. | 4,574. |
| | TOTAL | 805. | 788. | 4,574. |
| 43 BROOKINGS CO | POINT | 6. | 90. | 59. |
| | AREA | 2,166. | 1,328. | 12,277. |
| | TOTAL | 2,172. | 1,418. | 12,336. |
| 43 BROWN CO | POINT | 333. | 84. | 11. |
| | AREA | 4,071. | 2,373. | 23,467. |
| | TOTAL | 4,404. | 2,457. | 23,478. |
| 43 BRULE CO | POINT | 0. | 0. | 0. |
| | AREA | 947. | 640. | 5,796. |
| | TOTAL | 947. | 640. | 5,796. |
| 43 BUFFALO CO | POINT | 0. | 0. | 0. |
| | AREA | 147. | 127. | 803. |
| | TOTAL | 147. | 127. | 803. |
| 43 BUTTE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,008. | 729. | 6,180. |
| | TOTAL | 1,008. | 729. | 6,180. |
| 43 CAMPBELL CO | POINT | 0. | 0. | 0. |
| | AREA | 305. | 288. | 1,943. |
| | TOTAL | 305. | 288. | 1,943. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 43 CHARLES MIX CO | POINT | 0. | 0. | 0. |
| | AREA | 945. | 836. | 5,678. |
| | TOTAL | 945. | 836. | 5,678. |
| 43 CLARK CO | POINT | 0. | 0. | 0. |
| | AREA | 588. | 600. | 3,558. |
| | TOTAL | 588. | 600. | 3,558. |
| 43 CLAY CO | POINT | 0. | 0. | 0. |
| | AREA | 979. | 650. | 5,927. |
| | TOTAL | 979. | 650. | 5,927. |
| 43 CODINGTON CO | POINT | 1,651. | 0. | 0. |
| | AREA | 2,267. | 1,173. | 10,575. |
| | TOTAL | 3,918. | 1,173. | 10,575. |
| 43 CORSON CO | POINT | 0. | 0. | 0. |
| | AREA | 623. | 478. | 3,301. |
| | TOTAL | 623. | 478. | 3,301. |
| 43 CUSTER CO | POINT | 371. | 52. | 4,351. |
| | AREA | 1,818. | 625. | 12,055. |
| | TOTAL | 2,189. | 677. | 16,406. |
| 43 DAVISON CO | POINT | 9. | 171. | 22. |
| | AREA | 1,819. | 1,017. | 9,781. |
| | TOTAL | 1,828. | 1,188. | 9,803. |
| 43 DAY CO | POINT | 0. | 0. | 0. |
| | AREA | 795. | 730. | 4,471. |
| | TOTAL | 795. | 730. | 4,471. |
| 43 DEUEL CO | POINT | 0. | 0. | 0. |
| | AREA | 733. | 737. | 4,808. |
| | TOTAL | 733. | 737. | 4,808. |
| 43 DEWEY CO | POINT | 0. | 0. | 0. |
| | AREA | 487. | 390. | 2,464. |
| | TOTAL | 487. | 390. | 2,464. |
| 43 DOUGLAS CO | POINT | 0. | 0. | 0. |
| | AREA | 453. | 451. | 2,815. |
| | TOTAL | 453. | 451. | 2,815. |
| 43 EDMUNDS CO | POINT | 0. | 0. | 0. |
| | AREA | 560. | 578. | 3,564. |
| | TOTAL | 560. | 578. | 3,564. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 43 FALL RIVER CO | POINT | 66. | 85. | 178. |
| | AREA | 1,157. | 553. | 6,883. |
| | TOTAL | 1,223. | 638. | 7,061. |
| 43 FAULK CO | POINT | 0. | 0. | 0. |
| | AREA | 418. | 419. | 2,616. |
| | TOTAL | 418. | 419. | 2,616. |
| 43 GRANT CO | POINT | 35. | 19,266. | 102. |
| | AREA | 1,014. | 856. | 5,989. |
| | TOTAL | 1,049. | 20,122. | 6,091. |
| 43 GREGORY CO | POINT | 0. | 0. | 0. |
| | AREA | 671. | 576. | 3,831. |
| | TOTAL | 671. | 576. | 3,831. |
| 43 HAAKON CO | POINT | 0. | 0. | 0. |
| | AREA | 308. | 309. | 1,900. |
| | TOTAL | 308. | 309. | 1,900. |
| 43 HAMLIN CO | POINT | 0. | 0. | 0. |
| | AREA | 620. | 553. | 3,367. |
| | TOTAL | 620. | 553. | 3,367. |
| 43 HAND CO | POINT | 0. | 0. | 0. |
| | AREA | 568. | 619. | 3,703. |
| | TOTAL | 568. | 619. | 3,703. |
| 43 HANSON CO | POINT | 0. | 0. | 0. |
| | AREA | 596. | 527. | 3,418. |
| | TOTAL | 596. | 527. | 3,418. |
| 43 HARDING CO | POINT | 0. | 0. | 0. |
| | AREA | 246. | 275. | 1,646. |
| | TOTAL | 246. | 275. | 1,646. |
| 43 HUGHES CO | POINT | 0. | 0. | 0. |
| | AREA | 1,123. | 708. | 7,102. |
| | TOTAL | 1,123. | 708. | 7,102. |
| 43 HUTCHINSON CO | POINT | 0. | 0. | 0. |
| | AREA | 919. | 888. | 5,537. |
| | TOTAL | 919. | 888. | 5,537. |
| 43 HYDE CO | POINT | 0. | 0. | 0. |
| | AREA | 271. | 318. | 1,646. |
| | TOTAL | 271. | 318. | 1,646. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 43 JACKSON CO | POINT | 0. | 0. | 1. |
| | AREA | 513. | 429. | 2,678. |
| | TOTAL | 513. | 429. | 2,679. |
| 43 JERAULD CO | POINT | 0. | 0. | 0. |
| | AREA | 315. | 319. | 1,957. |
| | TOTAL | 315. | 319. | 1,957. |
| 43 JONES CO | POINT | 0. | 0. | 0. |
| | AREA | 410. | 339. | 2,255. |
| | TOTAL | 410. | 339. | 2,255. |
| 43 KINGSBURY CO | POINT | 0. | 0. | 0. |
| | AREA | 801. | 766. | 4,685. |
| | TOTAL | 801. | 766. | 4,685. |
| 43 LAKE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,203. | 784. | 6,772. |
| | TOTAL | 1,203. | 784. | 6,772. |
| 43 LAWRENCE CO | POINT | 154. | 14. | 1,820. |
| | AREA | 2,261. | 814. | 16,278. |
| | TOTAL | 2,415. | 828. | 18,098. |
| 43 LINCOLN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,773. | 1,317. | 10,128. |
| | TOTAL | 1,773. | 1,317. | 10,128. |
| 43 LYMAN CO | POINT | 0. | 0. | 0. |
| | AREA | 767. | 675. | 4,447. |
| | TOTAL | 767. | 675. | 4,447. |
| 43 MC COOK CO | POINT | 0. | 0. | 0. |
| | AREA | 897. | 805. | 4,931. |
| | TOTAL | 897. | 805. | 4,931. |
| 43 MC PHERSON CO | POINT | 0. | 0. | 0. |
| | AREA | 444. | 492. | 2,971. |
| | TOTAL | 444. | 492. | 2,971. |
| 43 MARSHALL CO | POINT | 0. | 0. | 0. |
| | AREA | 658. | 573. | 3,880. |
| | TOTAL | 658. | 573. | 3,880. |
| 43 MEADE CO | POINT | 522. | 47. | 6,179. |
| | AREA | 3,668. | 1,444. | 22,367. |
| | TOTAL | 4,190. | 1,491. | 28,546. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 43 MELLETTE CO | POINT | 0. | 0. | 0. |
| | AREA | 240. | 227. | 1,529. |
| | TOTAL | 240. | 227. | 1,529. |
| 43 MINER CO | POINT | 0. | 0. | 0. |
| | AREA | 425. | 419. | 2,597. |
| | TOTAL | 425. | 419. | 2,597. |
| 43 MINNEHAHA CO | POINT | 1,606. | 1,936. | 88. |
| | AREA | 11,238. | 6,270. | 64,821. |
| | TOTAL | 12,844. | 8,206. | 64,909. |
| 43 MOODY CO | POINT | 0. | 0. | 0. |
| | AREA | 761. | 721. | 4,611. |
| | TOTAL | 761. | 721. | 4,611. |
| 43 PENNINGTON CO | POINT | 743. | 2,776. | 1,562. |
| | AREA | 8,885. | 4,261. | 51,895. |
| | TOTAL | 9,628. | 7,037. | 53,457. |
| 43 PERKINS CO | POINT | 46. | 9. | 132. |
| | AREA | 508. | 543. | 3,491. |
| | TOTAL | 554. | 552. | 3,623. |
| 43 POTTER CO | POINT | 0. | 0. | 0. |
| | AREA | 432. | 436. | 2,700. |
| | TOTAL | 432. | 436. | 2,700. |
| 43 ROBERTS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,174. | 1,002. | 7,285. |
| | TOTAL | 1,174. | 1,002. | 7,285. |
| 43 SANBORN CO | POINT | 0. | 0. | 0. |
| | AREA | 427. | 434. | 2,655. |
| | TOTAL | 427. | 434. | 2,655. |
| 43 SHANNON CO | POINT | 0. | 0. | 0. |
| | | 484. | 291. | 2,746. |
| | | 484. | 291. | 2,746. |
| 43 SPINK CO | | 0. | 0. | 0. |
| | | 1,114. | 952. | 6,992. |
| | | 1,114. | 952. | 6,992. |
| 43 STANLEY CO | | 0. | 0. | 0. |
| | | 526. | 365. | 2,541. |
| | | 526. | 365. | 2,541. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 43 SULLY CO | POINT | 0. | 0. | 0. |
| | AREA | 301. | 238. | 1,717. |
| | TOTAL | 301. | 238. | 1,717. |
| 43 TODD CO | POINT | 0. | 0. | 0. |
| | AREA | 541. | 454. | 2,903. |
| | TOTAL | 541. | 454. | 2,903. |
| 43 TRIPP CO | POINT | 0. | 0. | 0. |
| | AREA | 888. | 730. | 6,297. |
| | TOTAL | 888. | 730. | 6,297. |
| 43 TURNER CO | POINT | 0. | 0. | 0. |
| | AREA | 874. | 871. | 5,274. |
| | TOTAL | 874. | 871. | 5,274. |
| 43 UNION CO | POINT | 0. | 0. | 0. |
| | AREA | 1,632. | 1,097. | 6,646. |
| | TOTAL | 1,632. | 1,097. | 6,646. |
| 43 WALWORTH CO | POINT | 12. | 162. | 25. |
| | AREA | 734. | 536. | 4,482. |
| | TOTAL | 746. | 698. | 4,507. |
| 43 WASHABAUGH CO | POINT | 0. | 0. | 0. |
| | AREA | 133. | 121. | 880. |
| | TOTAL | 133. | 121. | 880. |
| 43 YANKTON CO | POINT | 294. | 262. | 27. |
| | AREA | 2,320. | 1,142. | 10,724. |
| | TOTAL | 2,614. | 1,404. | 10,751. |
| 43 ZIEBACH CO | POINT | 0. | 0. | 0. |
| | AREA | 206. | 197. | 1,277. |
| | TOTAL | 206. | 197. | 1,277. |
| 44 ANDERSON CO | POINT | 1,324. | 21,104. | 404. |
| | AREA | 7,006. | 3,275. | 29,684. |
| | TOTAL | 8,330. | 24,379. | 30,088. |
| 44 BEDFORD CO | POINT | 279. | 101. | 18. |
| | AREA | 3,566. | 1,995. | 16,233. |
| | TOTAL | 3,845. | 2,096. | 16,251. |
| 44 BENTON CO | POINT | 1. | 34. | 18. |
| | AREA | 1,754. | 1,025. | 7,753. |
| | TOTAL | 1,755. | 1,059. | 7,771. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 44 BLEDSOE CO | POINT | 1. | 10. | 1. |
| | AREA | 704. | 658. | 3,451. |
| | TOTAL | 705. | 668. | 3,452. |
| 44 BLOUNT CO | POINT | 815. | 1,321. | 20,479. |
| | AREA | 7,248. | 4,868. | 40,463. |
| | TOTAL | 8,063. | 6,189. | 60,942. |
| 44 BRADLEY CO | POINT | 32,766. | 152. | 747. |
| | AREA | 6,046. | 3,517. | 28,838. |
| | TOTAL | 38,812. | 3,669. | 29,585. |
| 44 CAMPBELL CO | POINT | 2,893. | 55. | 3,089. |
| | AREA | 2,705. | 1,795. | 12,097. |
| | TOTAL | 5,598. | 1,850. | 15,186. |
| 44 CANNON CO | POINT | 30. | 11. | 401. |
| | AREA | 902. | 679. | 4,074. |
| | TOTAL | 932. | 690. | 4,475. |
| 44 CARROLL CO | POINT | 90. | 58. | 268. |
| | AREA | 3,407. | 1,959. | 15,426. |
| | TOTAL | 3,497. | 2,017. | 15,694. |
| 44 CARTER CO | POINT | 37. | 1,303. | 106. |
| | AREA | 4,128. | 2,787. | 19,338. |
| | TOTAL | 4,165. | 4,090. | 19,444. |
| 44 CHEATHAM CO | POINT | 273. | 3. | 1. |
| | AREA | 1,495. | 1,424. | 7,024. |
| | TOTAL | 1,768. | 1,427. | 7,025. |
| 44 CHESTER CO | POINT | 0. | 9. | 0. |
| | AREA | 858. | 637. | 4,581. |
| | TOTAL | 858. | 646. | 4,581. |
| 44 CLAIBORNE CO | POINT | 157. | 26. | 11. |
| | AREA | 1,959. | 1,561. | 8,294. |
| | TOTAL | 2,116. | 1,587. | 8,305. |
| 44 CLAY CO | POINT | 22. | 6. | 1. |
| | AREA | 849. | 454. | 3,376. |
| | TOTAL | 871. | 460. | 3,377. |
| 44 COCKE CO | POINT | 806. | 249. | 131. |
| | AREA | 3,003. | 1,724. | 12,837. |
| | TOTAL | 3,809. | 1,973. | 12,968. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | NOX | *<br>CO |
|---|---|---|---|---|
| 44 COFFEE CO | POINT | 520. | 177. | 375. |
| | AREA | 4,206. | 2,137. | 20,028. |
| | TOTAL | 4,726. | 2,314. | 20,403. |
| 44 CROCKETT CO | POINT | 35. | 68. | 1. |
| | AREA | 1,296. | 1,161. | 5,963. |
| | TOTAL | 1,331. | 1,229. | 5,964. |
| 44 CUMBERLAND CO | POINT | 928. | 87. | 1,917. |
| | AREA | 2,500. | 1,502. | 10,272. |
| | TOTAL | 3,428. | 1,589. | 12,189. |
| 44 DAVIDSON CO | POINT | 7,435. | 4,564. | 2,595. |
| | AREA | 44,106. | 23,359. | 204,424. |
| | TOTAL | 51,541. | 27,923. | 207,019. |
| 44 DECATUR CO | POINT | 14. | 8. | 0. |
| | AREA | 1,284. | 828. | 4,638. |
| | TOTAL | 1,298. | 836. | 4,638. |
| 44 DE KALB CO | POINT | 0. | 6. | 0. |
| | AREA | 1,745. | 918. | 6,943. |
| | TOTAL | 1,745. | 924. | 6,943. |
| 44 DICKSON CO | POINT | 456. | 9. | 0. |
| | AREA | 2,698. | 1,728. | 11,307. |
| | TOTAL | 3,154. | 1,737. | 11,307. |
| 44 DYER CO | POINT | 519. | 140. | 25. |
| | AREA | 3,449. | 2,627. | 16,450. |
| | TOTAL | 3,968. | 2,767. | 16,475. |
| 44 FAYETTE CO | POINT | 23. | 2. | 6. |
| | AREA | 1,607. | 1,224. | 7,189. |
| | TOTAL | 1,630. | 1,226. | 7,195. |
| 44 FENTRESS CO | POINT | 1,643. | 19. | 5,268. |
| | AREA | 1,326. | 941. | 5,568. |
| | TOTAL | 2,969. | 960. | 10,836. |
| 44 FRANKLIN CO | POINT | 45. | 519. | 11. |
| | AREA | 3,024. | 1,938. | 13,982. |
| | TOTAL | 3,069. | 2,457. | 13,993. |
| 44 GIBSON CO | POINT | 246. | 230. | 130. |
| | AREA | 4,807. | 2,964. | 24,370. |
| | TOTAL | 5,053. | 3,194. | 24,500. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 44 GILES CO | POINT | 221. | 124. | 125. |
| | AREA | 2,973. | 1,628. | 12,959. |
| | TOTAL | 3,194. | 1,752. | 13,084. |
| 44 GRAINGER CO | POINT | 0. | 2. | 6. |
| | AREA | 1,820. | 1,112. | 7,339. |
| | TOTAL | 1,820. | 1,114. | 7,345. |
| 44 GREENE CO | POINT | 200. | 53. | 15. |
| | AREA | 5,503. | 3,632. | 25,424. |
| | TOTAL | 5,703. | 3,685. | 25,439. |
| 44 GRUNDY CO | POINT | 0. | 7. | 2. |
| | AREA | 1,153. | 812. | 5,078. |
| | TOTAL | 1,153. | 819. | 5,080. |
| 44 HAMBLEN CO | POINT | 821. | 2,946. | 310. |
| | AREA | 5,687. | 2,654. | 21,682. |
| | TOTAL | 6,508. | 5,600. | 21,992. |
| 44 HAMILTON CO | POINT | 10,338. | 7,384. | 21,986. |
| | AREA | 25,673. | 12,895. | 115,164. |
| | TOTAL | 36,011. | 20,279. | 137,150. |
| 44 HANCOCK CO | POINT | 8. | 0. | 1. |
| | AREA | 549. | 421. | 2,995. |
| | TOTAL | 557. | 421. | 2,996. |
| 44 HARDEMAN CO | POINT | 394. | 81. | 72. |
| | AREA | 1,934. | 1,436. | 9,628. |
| | TOTAL | 2,328. | 1,517. | 9,700. |
| 44 HARDIN CO | POINT | 358. | 1,718. | 23,457. |
| | AREA | 2,230. | 1,417. | 9,552. |
| | TOTAL | 2,588. | 3,135. | 33,009. |
| 44 HAWKINS CO | POINT | 1,456. | 23,311. | 1,323. |
| | AREA | 3,621. | 2,474. | 17,801. |
| | TOTAL | 5,077. | 25,785. | 19,124. |
| 44 HAYWOOD CO | POINT | 101. | 14. | 227. |
| | AREA | 1,925. | 1,266. | 7,732. |
| | TOTAL | 2,026. | 1,280. | 7,959. |
| 44 HENDERSON CO | POINT | 114. | 14. | 588. |
| | AREA | 2,313. | 1,397. | 9,631. |
| | TOTAL | 2,427. | 1,411. | 10,219. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS<br>NOX | *<br>CO |
|---|---|---|---|---|
| 44 HENRY CO | POINT | 255. | 167. | 22. |
| | AREA | 2,774. | 1,832. | 15,465. |
| | TOTAL | 3,029. | 1,999. | 15,487. |
| 44 HICKMAN CO | POINT | 142. | 2,739. | 1,105. |
| | AREA | 1,634. | 1,062. | 8,320. |
| | TOTAL | 1,776. | 3,801. | 9,425. |
| 44 HOUSTON CO | POINT | 32. | 3. | 312. |
| | AREA | 652. | 527. | 3,208. |
| | TOTAL | 684. | 530. | 3,520. |
| 44 HUMPHREYS CO | POINT | 1,295. | 38,514. | 34,427. |
| | AREA | 1,761. | 1,125. | 8,260. |
| | TOTAL | 3,056. | 39,639. | 42,687. |
| 44 JACKSON CO | POINT | 14. | 19. | 2. |
| | AREA | 687. | 657. | 3,576. |
| | TOTAL | 701. | 676. | 3,578. |
| 44 JEFFERSON CO | POINT | 471. | 44. | 22. |
| | AREA | 3,539. | 2,238. | 17,324. |
| | TOTAL | 4,010. | 2,282. | 17,346. |
| 44 JOHNSON CO | POINT | 1. | 17. | 5. |
| | AREA | 1,339. | 1,004. | 5,854. |
| | TOTAL | 1,340. | 1,021. | 5,859. |
| 44 KNOX CO | POINT | 504. | 1,307. | 2,299. |
| | AREA | 29,391. | 15,633. | 133,069. |
| | TOTAL | 29,895. | 16,940. | 135,368. |
| 44 LAKE CO | POINT | 314. | 24. | 5. |
| | AREA | 906. | 590. | 3,707. |
| | TOTAL | 1,220. | 614. | 3,712. |
| 44 LAUDERDALE CO | POINT | 1,111. | 22. | 15. |
| | AREA | 3,879. | 2,599. | 11,645. |
| | TOTAL | 4,990. | 2,621. | 11,660. |
| 44 LAWRENCE CO | POINT | 1,037. | 45. | 64. |
| | AREA | 3,205. | 2,392. | 18,326. |
| | TOTAL | 4,242. | 2,437. | 18,390. |
| 44 LEWIS CO | POINT | 0. | 42. | 1. |
| | AREA | 861. | 708. | 5,045. |
| | TOTAL | 861. | 750. | 5,046. |

| | TYPE OF | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 44 LINCOLN CO | POINT | 7. | 8. | 4. |
| | AREA | 2,653. | 1,892. | 13,524. |
| | TOTAL | 2,660. | 1,900. | 13,528. |
| 44 LOUDON CO | POINT | 645. | 211. | 57. |
| | AREA | 3,416. | 2,066. | 14,967. |
| | TOTAL | 4,061. | 2,277. | 15,024. |
| 44 MC MINN CO | POINT | 1,735. | 5,422. | 8,653. |
| | AREA | 4,450. | 2,698. | 20,589. |
| | TOTAL | 6,185. | 8,120. | 29,242. |
| 44 MC NAIRY CO | POINT | 86. | 4. | 6. |
| | AREA | 2,535. | 1,729. | 11,359. |
| | TOTAL | 2,621. | 1,733. | 11,365. |
| 44 MACON CO | POINT | 15. | 19. | 146. |
| | AREA | 1,590. | 1,079. | 6,717. |
| | TOTAL | 1,605. | 1,098. | 6,863. |
| 44 MADISON CO | POINT | 644. | 708. | 419. |
| | AREA | 6,946. | 3,511. | 32,705. |
| | TOTAL | 7,590. | 4,219. | 33,124. |
| 44 MARION CO | POINT | 39. | 403. | 64. |
| | AREA | 2,289. | 1,551. | 11,026. |
| | TOTAL | 2,328. | 1,954. | 11,090. |
| 44 MARSHALL CO | POINT | 4. | 12. | 51. |
| | AREA | 2,536. | 1,341. | 10,851. |
| | TOTAL | 2,540. | 1,353. | 10,902. |
| 44 MAURY CO | POINT | 258. | 598. | 62. |
| | AREA | 4,794. | 3,493. | 26,745. |
| | TOTAL | 5,052. | 4,091. | 26,807. |
| 44 MEIGS CO | POINT | 0. | 1. | 0. |
| | AREA | 964. | 575. | 3,901. |
| | TOTAL | 964. | 576. | 3,901. |
| 44 MONROE CO | POINT | 119. | 22. | 57. |
| | AREA | 2,598. | 1,769. | 12,358. |
| | TOTAL | 2,717. | 1,791. | 12,415. |
| 44 MONTGOMERY CO | POINT | 402. | 456. | 275. |
| | AREA | 5,701. | 4,176. | 28,962. |
| | TOTAL | 6,103. | 4,632. | 29,237. |

|  | TYPE OF |  | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 44 MOORE CO | POINT | 43. | 268. | 50. |
|  | AREA | 219. | 240. | 1,173. |
|  | TOTAL | 262. | 508. | 1,223. |
| 44 MORGAN CO | POINT | 2. | 35. | 6. |
|  | AREA | 1,441. | 835. | 7,468. |
|  | TOTAL | 1,443. | 870. | 7,474. |
| 44 OBION CO | POINT | 158. | 189. | 1,580. |
|  | AREA | 3,314. | 2,073. | 16,767. |
|  | TOTAL | 3,472. | 2,262. | 18,347. |
| 44 OVERTON CO | POINT | 4. | 10. | 49. |
|  | AREA | 1,627. | 1,135. | 7,694. |
|  | TOTAL | 1,631. | 1,145. | 7,743. |
| 44 PERRY CO | POINT | 1,880. | 4,696. | 1,092. |
|  | AREA | 819. | 544. | 3,062. |
|  | TOTAL | 2,699. | 5,240. | 4,154. |
| 44 PICKETT CO | POINT | 0. | 2. | 2. |
|  | AREA | 527. | 271. | 1,862. |
|  | TOTAL | 527. | 273. | 1,864. |
| 44 POLK CO | POINT | 33. | 228. | 23. |
|  | AREA | 1,355. | 930. | 5,934. |
|  | TOTAL | 1,388. | 1,158. | 5,957. |
| 44 PUTNAM CO | POINT | 959. | 263. | 435. |
|  | AREA | 5,326. | 2,759. | 22,597. |
|  | TOTAL | 6,285. | 3,022. | 23,032. |
| 44 RHEA CO | POINT | 371. | 6,481. | 380. |
|  | AREA | 2,367. | 1,511. | 10,475. |
|  | TOTAL | 2,738. | 7,992. | 10,855. |
| 44 ROANE CO | POINT | 626. | 36,923. | 4,665. |
|  | AREA | 5,500. | 2,655. | 23,000. |
|  | TOTAL | 6,126. | 39,578. | 27,665. |
| 44 ROBERTSON CO | POINT | 304. | 41. | 2. |
|  | AREA | 3,236. | 2,213. | 15,641. |
|  | TOTAL | 3,540. | 2,254. | 15,643. |
| 44 RUTHERFORD CO | POINT | 1,186. | 267. | 31. |
|  | AREA | 6,494. | 3,694. | 30,011. |
|  | TOTAL | 7,680. | 3,961. | 30,042. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 44 SCOTT CO | POINT | 206. | 190. | 214. |
| | AREA | 1,463. | 933. | 5,948. |
| | TOTAL | 1,669. | 1,123. | 6,162. |
| 44 SEQUATCHIE CO | POINT | 0. | 5. | 2. |
| | AREA | 643. | 523. | 2,516. |
| | TOTAL | 643. | 528. | 2,518. |
| 44 SEVIER CO | POINT | 15. | 55. | 19. |
| | AREA | 3,225. | 2,477. | 14,052. |
| | TOTAL | 3,240. | 2,532. | 14,071. |
| 44 SHELBY CO | POINT | 13,860. | 51,646. | 29,725. |
| | AREA | 61,431. | 31,974. | 280,275. |
| | TOTAL | 75,291. | 83,620. | 310,000. |
| 44 SMITH CO | POINT | 1,563. | 27. | 1,822. |
| | AREA | 1,271. | 1,099. | 5,971. |
| | TOTAL | 2,834. | 1,126. | 7,793. |
| 44 STEWART CO | POINT | 809. | 47,140. | 2,743. |
| | AREA | 1,025. | 722. | 4,773. |
| | TOTAL | 1,834. | 47,862. | 7,516. |
| 44 SULLIVAN CO | POINT | 18,300. | 20,019. | 8,307. |
| | AREA | 13,517. | 8,226. | 69,447. |
| | TOTAL | 31,817. | 28,245. | 77,754. |
| 44 SUMNER CO | POINT | 8,075. | 23,366. | 1,385. |
| | AREA | 6,153. | 3,829. | 31,298. |
| | TOTAL | 14,228. | 27,195. | 32,683. |
| 44 TIPTON CO | POINT | 19. | 47. | 4. |
| | AREA | 2,953. | 2,857. | 13,259. |
| | TOTAL | 2,972. | 2,904. | 13,263. |
| 44 TROUSDALE CO | POINT | 8. | 4. | 0. |
| | AREA | 535. | 443. | 2,169. |
| | TOTAL | 543. | 447. | 2,169. |
| 44 UNICOI CO | POINT | 91. | 15. | 11. |
| | AREA | 1,800. | 1,187. | 9,876. |
| | TOTAL | 1,891. | 1,202. | 9,887. |
| 44 UNION CO | POINT | 72. | 1. | 2. |
| | AREA | 1,089. | 646. | 4,448. |
| | TOTAL | 1,161. | 647. | 4,450. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 44 VAN BUREN CO | POINT | 0. | 0. | 0. |
| | AREA | 516. | 277. | 2,144. |
| | TOTAL | 516. | 277. | 2,144. |
| 44 WARREN CO | POINT | 73. | 57. | 577. |
| | AREA | 4,049. | 2,161. | 15,301. |
| | TOTAL | 4,122. | 2,218. | 15,878. |
| 44 WASHINGTON CO | POINT | 1,567. | 363. | 96. |
| | AREA | 8,466. | 5,384. | 42,348. |
| | TOTAL | 10,033. | 5,747. | 42,444. |
| 44 WAYNE CO | POINT | 221. | 1,547. | 84. |
| | AREA | 1,365. | 890. | 5,991. |
| | TOTAL | 1,586. | 2,437. | 6,075. |
| 44 WEAKLEY CO | POINT | 187. | 290. | 63. |
| | AREA | 2,940. | 2,050. | 12,899. |
| | TOTAL | 3,127. | 2,340. | 12,962. |
| 44 WHITE CO | POINT | 93. | 39. | 143. |
| | AREA | 1,969. | 1,247. | 8,541. |
| | TOTAL | 2,062. | 1,286. | 8,684. |
| 44 WILLIAMSON CO | POINT | 198. | 19. | 9. |
| | AREA | 4,479. | 2,857. | 17,194. |
| | TOTAL | 4,677. | 2,876. | 17,203. |
| 44 WILSON CO | POINT | 106. | 20. | 0. |
| | AREA | 5,023. | 2,786. | 20,085. |
| | TOTAL | 5,129. | 2,806. | 20,085. |
| 45 ANDERSON CO | POINT | 707. | 218. | 5. |
| | AREA | 3,307. | 2,048. | 17,754. |
| | TOTAL | 4,014. | 2,266. | 17,759. |
| 45 ANDREWS CO | POINT | 2,403. | 9,932. | 4. |
| | AREA | 1,777. | 1,288. | 11,330. |
| | TOTAL | 4,180. | 11,220. | 11,334. |
| 45 ANGELINA CO | POINT | 126. | 1,961. | 1,990. |
| | AREA | 7,276. | 3,906. | 30,450. |
| | TOTAL | 7,402. | 5,867. | 32,440. |
| 45 ARANSAS CO | POINT | 5,522. | 297. | 125,436. |
| | AREA | 2,783. | 1,286. | 10,590. |
| | TOTAL | 8,305. | 1,583. | 136,026. |

|  | TYPE OF |  | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 45 ARCHER CO | POINT | 0. | 0. | 0. |
|  | AREA | 955. | 716. | 4,173. |
|  | TOTAL | 955. | 716. | 4,173. |
| 45 ARMSTRONG CO | POINT | 0. | 0. | 0. |
|  | AREA | 547. | 526. | 2,929. |
|  | TOTAL | 547. | 526. | 2,929. |
| 45 ATASCOSA CO | POINT | 805. | 824. | 14. |
|  | AREA | 2,218. | 1,444. | 13,026. |
|  | TOTAL | 3,023. | 2,268. | 13,040. |
| 45 AUSTIN CO | POINT | 1. | 49. | 563. |
|  | AREA | 1,898. | 1,496. | 9,973. |
|  | TOTAL | 1,899. | 1,545. | 10,536. |
| 45 BAILEY CO | POINT | 0. | 0. | 0. |
|  | AREA | 815. | 574. | 5,099. |
|  | TOTAL | 815. | 574. | 5,099. |
| 45 BANDERA CO | POINT | 0. | 0. | 0. |
|  | AREA | 487. | 423. | 2,326. |
|  | TOTAL | 487. | 423. | 2,326. |
| 45 BASTROP CO | POINT | 433. | 2,124. | 76. |
|  | AREA | 2,379. | 1,473. | 14,097. |
|  | TOTAL | 2,812. | 3,597. | 14,173. |
| 45 BAYLOR CO | POINT | 0. | 0. | 0. |
|  | AREA | 987. | 441. | 5,483. |
|  | TOTAL | 987. | 441. | 5,483. |
| 45 BEE CO | POINT | 258. | 457. | 1. |
|  | AREA | 6,351. | 3,672. | 33,727. |
|  | TOTAL | 6,609. | 4,129. | 33,728. |
| 45 BELL CO | POINT | 14,297. | 164. | 26. |
|  | AREA | 12,113. | 5,975. | 55,391. |
|  | TOTAL | 26,410. | 6,139. | 55,417. |
| 45 BEXAR CO | POINT | 4,676. | 21,648. | 1,504. |
|  | AREA | 82,935. | 41,890. | 464,821. |
|  | TOTAL | 87,611. | 63,538. | 466,325. |
| 45 BLANCO CO | POINT | 0. | 0. | 0. |
|  | AREA | 664. | 627. | 3,887. |
|  | TOTAL | 664. | 627. | 3,887. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 45 BORDEN CO | POINT | 0. | 0. | 0. |
| | AREA | 188. | 123. | 1,113. |
| | TOTAL | 188. | 123. | 1,113. |
| 45 BOSQUE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,344. | 930. | 6,880. |
| | TOTAL | 1,344. | 930. | 6,880. |
| 45 BOWIE CO | POINT | 84. | 205. | 278. |
| | AREA | 9,040. | 4,801. | 49,235. |
| | TOTAL | 9,124. | 5,006. | 49,513. |
| 45 BRAZORIA CO | POINT | 181,758. | 41,916. | 124,968. |
| | AREA | 11,832. | 8,969. | 60,172. |
| | TOTAL | 193,590. | 50,885. | 185,140. |
| 45 BRAZOS CO | POINT | 188. | 2,540. | 60. |
| | AREA | 6,617. | 4,257. | 38,158. |
| | TOTAL | 6,805. | 6,797. | 38,218. |
| 45 BREWSTER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,017. | 614. | 6,224. |
| | TOTAL | 1,017. | 614. | 6,224. |
| 45 BRISCOE CO | POINT | 0. | 0. | 0. |
| | AREA | 387. | 246. | 2,302. |
| | TOTAL | 387. | 246. | 2,302. |
| 45 BROOKS CO | POINT | 1,972. | 3,045. | 31. |
| | AREA | 941. | 539. | 5,903. |
| | TOTAL | 2,913. | 3,584. | 5,934. |
| 45 BROWN CO | POINT | 2,465. | 10. | 1. |
| | AREA | 3,982. | 1,804. | 17,237. |
| | TOTAL | 6,447. | 1,814. | 17,238. |
| 45 BURLESON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,121. | 853. | 5,199. |
| | TOTAL | 1,121. | 853. | 5,199. |
| 45 BURNET CO | POINT | 0. | 0. | 0. |
| | AREA | 1,610. | 1,127. | 8,066. |
| | TOTAL | 1,610. | 1,127. | 8,066. |
| 45 CALDWELL CO | POINT | 22. | 517. | 0. |
| | AREA | 1,760. | 1,095. | 10,368. |
| | TOTAL | 1,782. | 1,612. | 10,368. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 45 CALHOUN CO | POINT | 63,732. | 94,821. | 6,894. |
| | AREA | 5,754. | 2,158. | 20,780. |
| | TOTAL | 69,486. | 96,979. | 27,674. |
| 45 CALLAHAN CO | POINT | 2. | 209. | 7. |
| | AREA | 1,393. | 1,171. | 7,167. |
| | TOTAL | 1,395. | 1,380. | 7,174. |
| 45 CAMERON CO | POINT | 11,883. | 4,738. | 4,024. |
| | AREA | 16,039. | 8,327. | 75,719. |
| | TOTAL | 27,922. | 13,065. | 79,743. |
| 45 CAMP CO | POINT | 36. | 41. | 0. |
| | AREA | 883. | 533. | 4,633. |
| | TOTAL | 919. | 574. | 4,633. |
| 45 CARSON CO | POINT | 745. | 1,644. | 5. |
| | AREA | 1,883. | 1,108. | 6,557. |
| | TOTAL | 2,628. | 2,752. | 6,562. |
| 45 CASS CO | POINT | 2,814. | 1,504. | 3,362. |
| | AREA | 3,394. | 2,268. | 15,182. |
| | TOTAL | 6,208. | 3,772. | 18,544. |
| 45 CASTRO CO | POINT | 1,317. | 687. | 1. |
| | AREA | 1,110. | 943. | 7,012. |
| | TOTAL | 2,427. | 1,630. | 7,013. |
| 45 CHAMBERS CO | POINT | 1,723. | 20,996. | 4,125. |
| | AREA | 4,491. | 3,349. | 17,378. |
| | TOTAL | 6,214. | 24,345. | 21,503. |
| 45 CHEROKEE CO | POINT | 882. | 5,744. | 1,991. |
| | AREA | 4,042. | 2,159. | 17,380. |
| | TOTAL | 4,924. | 7,903. | 19,371. |
| 45 CHILDRESS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,225. | 599. | 7,928. |
| | TOTAL | 1,225. | 599. | 7,928. |
| 45 CLAY CO | POINT | 54. | 144. | 0. |
| | AREA | 1,627. | 1,088. | 9,555. |
| | TOTAL | 1,681. | 1,232. | 9,555. |
| 45 COCHRAN CO | POINT | 51. | 477. | 1. |
| | AREA | 476. | 331. | 3,094. |
| | TOTAL | 527. | 808. | 3,095. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 45 COKE CO | POINT | 243. | 5,763. | 13. |
| | AREA | 409. | 328. | 2,051. |
| | TOTAL | 652. | 6,091. | 2,064. |
| 45 COLEMAN CO | POINT | 64. | 1,043. | 18. |
| | AREA | 1,286. | 758. | 8,105. |
| | TOTAL | 1,350. | 1,801. | 8,123. |
| 45 COLLIN CO | POINT | 385. | 5,230. | 129. |
| | AREA | 8,292. | 4,964. | 41,130. |
| | TOTAL | 8,677. | 10,194. | 41,259. |
| 45 COLLINGSWORTH CO | POINT | 0. | 0. | 0. |
| | AREA | 600. | 318. | 4,045. |
| | TOTAL | 600. | 318. | 4,045. |
| 45 COLORADO CO | POINT | 1,731. | 3,729. | 9. |
| | AREA | 2,800. | 1,856. | 15,901. |
| | TOTAL | 4,531. | 5,585. | 15,910. |
| 45 COMAL CO | POINT | 0. | 227. | 0. |
| | AREA | 4,224. | 2,196. | 24,679. |
| | TOTAL | 4,224. | 2,423. | 24,679. |
| 45 COMANCHE CO | POINT | 0. | 3. | 0. |
| | AREA | 1,495. | 1,085. | 8,708. |
| | TOTAL | 1,495. | 1,088. | 8,708. |
| 45 CONCHO CO | POINT | 0. | 0. | 0. |
| | AREA | 496. | 420. | 2,644. |
| | TOTAL | 496. | 420. | 2,644. |
| 45 COOKE CO | POINT | 209. | 864. | 1. |
| | AREA | 3,893. | 2,020. | 18,279. |
| | TOTAL | 4,102. | 2,884. | 18,280. |
| 45 CORYELL CO | POINT | 0. | 0. | 0. |
| | AREA | 4,843. | 2,348. | 17,620. |
| | TOTAL | 4,843. | 2,348. | 17,620. |
| 45 COTTLE CO | POINT | 0. | 0. | 0. |
| | AREA | 348. | 228. | 1,673. |
| | TOTAL | 348. | 228. | 1,673. |
| 45 CRANE CO | POINT | 6,471. | 13,201. | 23. |
| | AREA | 874. | 545. | 6,750. |
| | TOTAL | 7,345. | 13,746. | 6,773. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS * | | |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 45 CROCKETT CO | POINT | 848. | 15,910. | 21. |
| | AREA | 917. | 575. | 6,412. |
| | TOTAL | 1,765. | 16,485. | 6,433. |
| 45 CROSBY CO | POINT | 0. | 0. | 0. |
| | AREA | 769. | 604. | 3,976. |
| | TOTAL | 769. | 604. | 3,976. |
| 45 CULBERSON CO | POINT | 0. | 0. | 0. |
| | AREA | 895. | 700. | 4,140. |
| | TOTAL | 895. | 700. | 4,140. |
| 45 DALLAM CO | POINT | 1. | 0. | 537. |
| | AREA | 1,213. | 967. | 8,089. |
| | TOTAL | 1,214. | 967. | 8,626. |
| 45 DALLAS CO | POINT | 29,956. | 30,935. | 1,578. |
| | AREA | 152,822. | 73,828. | 735,685. |
| | TOTAL | 182,778. | 104,763. | 737,263. |
| 45 DAWSON CO | POINT | 67. | 282. | 0. |
| | AREA | 1,821. | 1,167. | 10,810. |
| | TOTAL | 1,888. | 1,449. | 10,810. |
| 45 DEAF SMITH CO | POINT | 0. | 0. | 3. |
| | AREA | 2,312. | 951. | 17,424. |
| | TOTAL | 2,312. | 951. | 17,427. |
| 45 DELTA CO | POINT | 0. | 0. | 0. |
| | AREA | 422. | 328. | 2,289. |
| | TOTAL | 422. | 328. | 2,289. |
| 45 DENTON CO | POINT | 120. | 1,141. | 18. |
| | AREA | 11,115. | 5,849. | 58,028. |
| | TOTAL | 11,235. | 6,990. | 58,046. |
| 45 DE WITT CO | POINT | 104. | 417. | 0. |
| | AREA | 1,952. | 1,088. | 10,121. |
| | TOTAL | 2,056. | 1,505. | 10,121. |
| 45 DICKENS CO | POINT | 0. | 0. | 0. |
| | AREA | 380. | 305. | 1,958. |
| | TOTAL | 380. | 305. | 1,958. |
| 45 DIMMIT CO | POINT | 2,485. | 879. | 2. |
| | AREA | 973. | 611. | 5,448. |
| | TOTAL | 3,458. | 1,490. | 5,450. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 45 DONLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 812. | 685. | 4,184. |
| | TOTAL | 812. | 685. | 4,184. |
| 45 DUVAL CO | POINT | 173. | 321. | 0. |
| | AREA | 1,080. | 737. | 6,655. |
| | TOTAL | 1,253. | 1,058. | 6,655. |
| 45 EASTLAND CO | POINT | 209. | 563. | 3. |
| | AREA | 2,942. | 1,645. | 17,404. |
| | TOTAL | 3,151. | 2,208. | 17,407. |
| 45 ECTOR CO | POINT | 18,692. | 28,567. | 11,259. |
| | AREA | 9,845. | 6,011. | 51,269. |
| | TOTAL | 28,537. | 34,578. | 62,528. |
| 45 EDWARDS CO | POINT | 0. | 0. | 0. |
| | AREA | 167. | 197. | 948. |
| | TOTAL | 167. | 197. | 948. |
| 45 ELLIS CO | POINT | 590. | 2,745. | 30. |
| | AREA | 7,702. | 4,011. | 37,987. |
| | TOTAL | 8,292. | 6,756. | 38,017. |
| 45 EL PASO CO | POINT | 2,338. | 8,281. | 18,107. |
| | AREA | 40,657. | 14,257. | 268,932. |
| | TOTAL | 42,995. | 22,538. | 287,039. |
| 45 ERATH CO | POINT | 31. | 1. | 0. |
| | AREA | 2,435. | 1,357. | 13,889. |
| | TOTAL | 2,466. | 1,358. | 13,889. |
| 45 FALLS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,629. | 1,072. | 9,147. |
| | TOTAL | 1,629. | 1,072. | 9,147. |
| 45 FANNIN CO | POINT | 119. | 7,748. | 82. |
| | AREA | 2,090. | 1,440. | 10,942. |
| | TOTAL | 2,209. | 9,188. | 11,024. |
| 45 FAYETTE CO | POINT | 32. | 0. | 104. |
| | AREA | 2,526. | 1,659. | 12,922. |
| | TOTAL | 2,558. | 1,659. | 13,026. |
| 45 FISHER CO | POINT | 132. | 773. | 10. |
| | AREA | 577. | 473. | 3,186. |
| | TOTAL | 709. | 1,246. | 3,196. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 45 FLOYD CO | POINT | 0. | 0. | 0. |
| | AREA | 984. | 699. | 5,991. |
| | TOTAL | 984. | 699. | 5,991. |
| 45 FOARD CO | POINT | 0. | 0. | 0. |
| | AREA | 270. | 252. | 1,464. |
| | TOTAL | 270. | 252. | 1,464. |
| 45 FORT BEND CO | POINT | 1,422. | 13,870. | 152. |
| | AREA | 9,079. | 4,929. | 40,920. |
| | TOTAL | 10,501. | 18,799. | 41,072. |
| 45 FRANKLIN CO | POINT | 301. | 555. | 2. |
| | AREA | 818. | 611. | 3,826. |
| | TOTAL | 1,119. | 1,166. | 3,828. |
| 45 FREESTONE CO | POINT | 854. | 24,153. | 2,292. |
| | AREA | 1,872. | 1,448. | 10,629. |
| | TOTAL | 2,726. | 25,601. | 12,921. |
| 45 FRIO CO | POINT | 44. | 2,025. | 11. |
| | AREA | 1,381. | 987. | 8,346. |
| | TOTAL | 1,425. | 3,012. | 8,357. |
| 45 GAINES CO | POINT | 300. | 2,602. | 3. |
| | AREA | 1,445. | 1,112. | 9,019. |
| | TOTAL | 1,745. | 3,714. | 9,022. |
| 45 GALVESTON CO | POINT | 64,217. | 46,832. | 155,685. |
| | AREA | 18,719. | 12,256. | 93,551. |
| | TOTAL | 82,936. | 59,088. | 249,236. |
| 45 GARZA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,002. | 549. | 6,261. |
| | TOTAL | 1,002. | 549. | 6,261. |
| 45 GILLESPIE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,479. | 886. | 8,615. |
| | TOTAL | 1,479. | 886. | 8,615. |
| 45 GLASSCOCK CO | POINT | 0. | 0. | 0. |
| | AREA | 306. | 309. | 2,091. |
| | TOTAL | 306. | 309. | 2,091. |
| 45 GOLIAD CO | POINT | 0. | 0. | 0. |
| | AREA | 586. | 479. | 3,063. |
| | TOTAL | 586. | 479. | 3,063. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | <br>NOX | *<br>CO |
|---|---|---|---|---|
| 45 GONZALES CO | POINT | 18. | 72. | 0. |
| | AREA | 2,085. | 1,402. | 11,706. |
| | TOTAL | 2,103. | 1,474. | 11,706. |
| 45 GRAY CO | POINT | 16,606. | 2,299. | 59,735. |
| | AREA | 3,316. | 1,728. | 18,498. |
| | TOTAL | 19,922. | 4,027. | 78,233. |
| 45 GRAYSON CO | POINT | 650. | 894. | 169. |
| | AREA | 10,479. | 5,121. | 51,094. |
| | TOTAL | 11,129. | 6,015. | 51,263. |
| 45 GREGG CO | POINT | 5,793. | 11,974. | 541. |
| | AREA | 10,903. | 5,562. | 51,954. |
| | TOTAL | 16,696. | 17,536. | 52,495. |
| 45 GRIMES CO | POINT | 0. | 0. | 0. |
| | AREA | 1,514. | 954. | 8,189. |
| | TOTAL | 1,514. | 954. | 8,189. |
| 45 GUADALUPE CO | POINT | 30. | 83. | 2. |
| | AREA | 5,203. | 2,787. | 28,398. |
| | TOTAL | 5,233. | 2,870. | 28,400. |
| 45 HALE CO | POINT | 2,539. | 1,609. | 1. |
| | AREA | 3,617. | 2,269. | 21,647. |
| | TOTAL | 6,156. | 3,878. | 21,648. |
| 45 HALL CO | POINT | 0. | 0. | 0. |
| | AREA | 849. | 449. | 4,938. |
| | TOTAL | 849. | 449. | 4,938. |
| 45 HAMILTON CO | POINT | 0. | 0. | 0. |
| | AREA | 893. | 579. | 4,973. |
| | TOTAL | 893. | 579. | 4,973. |
| 45 HANSFORD CO | POINT | 2,905. | 3,763. | 4. |
| | AREA | 613. | 578. | 3,893. |
| | TOTAL | 3,518. | 4,341. | 3,897. |
| 45 HARDEMAN CO | POINT | 25. | 589. | 6. |
| | AREA | 1,062. | 617. | 6,466. |
| | TOTAL | 1,087. | 1,206. | 6,472. |
| 45 HARDIN CO | POINT | 841. | 1,320. | 462. |
| | AREA | 2,681. | 2,001. | 12,832. |
| | TOTAL | 3,522. | 3,321. | 13,294. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 45 HARRIS CO | POINT | 209,214. | 102,528. | 118,098. |
| | AREA | 217,915. | 114,657. | 1,063,987. |
| | TOTAL | 427,129. | 217,185. | 1,182,085. |
| 45 HARRISON CO | POINT | 10,171. | 10,307. | 1,990. |
| | AREA | 6,296. | 3,862. | 34,468. |
| | TOTAL | 16,467. | 14,169. | 36,458. |
| 45 HARTLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 702. | 466. | 4,506. |
| | TOTAL | 702. | 466. | 4,506. |
| 45 HASKELL CO | POINT | 33. | 2,951. | 26. |
| | AREA | 982. | 669. | 5,919. |
| | TOTAL | 1,015. | 3,620. | 5,945. |
| 45 HAYS CO | POINT | 2. | 63. | 4. |
| | AREA | 3,806. | 2,185. | 22,231. |
| | TOTAL | 3,808. | 2,248. | 22,235. |
| 45 HEMPHILL CO | POINT | 0. | 0. | 0. |
| | AREA | 591. | 533. | 2,504. |
| | TOTAL | 591. | 533. | 2,504. |
| 45 HENDERSON CO | POINT | 1,764. | 4,696. | 52. |
| | AREA | 3,154. | 2,283. | 16,096. |
| | TOTAL | 4,918. | 6,979. | 16,148. |
| 45 HIDALGO CO | POINT | 1,652. | 4,414. | 37. |
| | AREA | 16,153. | 10,201. | 90,732. |
| | TOTAL | 17,805. | 14,615. | 90,769. |
| 45 HILL CO | POINT | 0. | 0. | 0. |
| | AREA | 3,729. | 2,240. | 20,400. |
| | TOTAL | 3,729. | 2,240. | 20,400. |
| 45 HOCKLEY CO | POINT | 472. | 5,012. | 3. |
| | AREA | 2,089. | 1,374. | 12,513. |
| | TOTAL | 2,561. | 6,386. | 12,516. |
| 45 HOOD CO | POINT | 10. | 7,395. | 180. |
| | AREA | 888. | 795. | 4,262. |
| | TOTAL | 898. | 8,190. | 4,442. |
| 45 HOPKINS CO | POINT | 351. | 849. | 6. |
| | AREA | 3,065. | 1,950. | 17,338. |
| | TOTAL | 3,416. | 2,799. | 17,344. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 45 HOUSTON CO | POINT | 7,863. | 122. | 586. |
| | AREA | 1,934. | 1,353. | 9,888. |
| | TOTAL | 9,797. | 1,475. | 10,474. |
| 45 HOWARD CO | POINT | 13,529. | 6,386. | 69,864. |
| | AREA | 4,520. | 3,085. | 26,405. |
| | TOTAL | 18,049. | 9,471. | 96,269. |
| 45 HUDSPETH CO | POINT | 0. | 4. | 0. |
| | AREA | 1,367. | 1,130. | 7,235. |
| | TOTAL | 1,367. | 1,134. | 7,235. |
| 45 HUNT CO | POINT | 964. | 913. | 22. |
| | AREA | 6,724. | 3,349. | 34,423. |
| | TOTAL | 7,688. | 4,262. | 34,445. |
| 45 HUTCHINSON CO | POINT | 52,860. | 24,575. | 460,815. |
| | AREA | 2,424. | 2,204. | 13,142. |
| | TOTAL | 55,284. | 26,779. | 473,957. |
| 45 IRION CO | POINT | 8. | 92. | 0. |
| | AREA | 222. | 193. | 1,171. |
| | TOTAL | 230. | 285. | 1,171. |
| 45 JACK CO | POINT | 159. | 411. | 0. |
| | AREA | 947. | 582. | 5,684. |
| | TOTAL | 1,106. | 993. | 5,684. |
| 45 JACKSON CO | POINT | 1,717. | 2,307. | 1. |
| | AREA | 1,747. | 1,246. | 10,633. |
| | TOTAL | 3,464. | 3,553. | 10,634. |
| 45 JASPER CO | POINT | 1,946. | 1,404. | 12,801. |
| | AREA | 3,651. | 2,160. | 15,701. |
| | TOTAL | 5,597. | 3,564. | 28,502. |
| 45 JEFF DAVIS CO | POINT | 0. | 0. | 0. |
| | AREA | 233. | 231. | 1,227. |
| | TOTAL | 233. | 231. | 1,227. |
| 45 JEFFERSON CO | POINT | 261,088. | 86,145. | 131,591. |
| | AREA | 27,208. | 21,328. | 147,224. |
| | TOTAL | 288,296. | 107,473. | 278,815. |
| 45 JIM HOGG CO | POINT | 0. | 0. | 0. |
| | AREA | 334. | 209. | 2,080. |
| | TOTAL | 334. | 209. | 2,080. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 45 JIM WELLS CO | POINT | 4,206. | 9,081. | 221. |
| | AREA | 3,214. | 2,345. | 19,895. |
| | TOTAL | 7,420. | 11,426. | 20,116. |
| 45 JOHNSON CO | POINT | 8,728. | 91. | 15. |
| | AREA | 5,764. | 3,309. | 27,997. |
| | TOTAL | 14,492. | 3,400. | 28,012. |
| 45 JONES CO | POINT | 2,489. | 7,738. | 145. |
| | AREA | 2,164. | 1,259. | 13,089. |
| | TOTAL | 4,653. | 8,997. | 13,234. |
| 45 KARNES CO | POINT | 324. | 338. | 4. |
| | AREA | 1,486. | 934. | 8,771. |
| | TOTAL | 1,810. | 1,272. | 8,775. |
| 45 KAUFMAN CO | POINT | 146. | 6. | 0. |
| | AREA | 5,168. | 3,049. | 28,587. |
| | TOTAL | 5,314. | 3,055. | 28,587. |
| 45 KENDALL CO | POINT | 0. | 0. | 0. |
| | AREA | 838. | 705. | 4,146. |
| | TOTAL | 838. | 705. | 4,146. |
| 45 KENEDY CO | POINT | 707. | 1,049. | 39. |
| | AREA | 4,156. | 517. | 13,929. |
| | TOTAL | 4,863. | 1,566. | 13,968. |
| 45 KENT CO | POINT | 0. | 0. | 0. |
| | AREA | 288. | 144. | 1,333. |
| | TOTAL | 288. | 144. | 1,333. |
| 45 KERR CO | POINT | 0. | 0. | 0. |
| | AREA | 2,298. | 1,301. | 12,029. |
| | TOTAL | 2,298. | 1,301. | 12,029. |
| 45 KIMBLE CO | POINT | 7. | 34. | 7. |
| | AREA | 917. | 503. | 5,824. |
| | TOTAL | 924. | 537. | 5,831. |
| 45 KING CO | POINT | 0. | 0. | 0. |
| | AREA | 165. | 149. | 906. |
| | TOTAL | 165. | 149. | 906. |
| 45 KINNEY CO | POINT | 0. | 0. | 0. |
| | AREA | 294. | 311. | 1,631. |
| | TOTAL | 294. | 311. | 1,631. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | NOX | *<br>CO |
|---|---|---|---|---|
| 45 KLEBERG CO | POINT | 8,613. | 15,066. | 234. |
| | AREA | 4,001. | 2,069. | 20,121. |
| | TOTAL | 12,614. | 17,135. | 20,355. |
| 45 KNOX CO | POINT | 46. | 30. | 0. |
| | AREA | 615. | 460. | 2,994. |
| | TOTAL | 661. | 490. | 2,994. |
| 45 LAMAR CO | POINT | 14. | 77. | 147. |
| | AREA | 4,433. | 2,288. | 21,589. |
| | TOTAL | 4,447. | 2,365. | 21,736. |
| 45 LAMB CO | POINT | 12. | 3,085. | 43. |
| | AREA | 1,532. | 1,141. | 8,326. |
| | TOTAL | 1,544. | 4,226. | 8,369. |
| 45 LAMPASAS CO | POINT | 0. | 0. | 0. |
| | AREA | 1,185. | 709. | 6,796. |
| | TOTAL | 1,185. | 709. | 6,796. |
| 45 LA SALLE CO | POINT | 0. | 0. | 0. |
| | AREA | 947. | 572. | 6,951. |
| | TOTAL | 947. | 572. | 6,951. |
| 45 LAVACA CO | POINT | 523. | 559. | 2. |
| | AREA | 1,705. | 1,173. | 9,320. |
| | TOTAL | 2,228. | 1,732. | 9,322. |
| 45 LEE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,174. | 702. | 6,186. |
| | TOTAL | 1,174. | 702. | 6,186. |
| 45 LEON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,668. | 1,392. | 8,108. |
| | TOTAL | 1,668. | 1,392. | 8,108. |
| 45 LIBERTY CO | POINT | 338. | 874. | 2,050. |
| | AREA | 4,124. | 3,210. | 24,873. |
| | TOTAL | 4,462. | 4,084. | 26,923. |
| 45 LIMESTONE CO | POINT | 7. | 92. | 183. |
| | AREA | 1,643. | 1,074. | 8,300. |
| | TOTAL | 1,650. | 1,166. | 8,483. |
| 45 LIPSCOMB CO | POINT | 0. | 0. | 0. |
| | AREA | 314. | 301. | 1,674. |
| | TOTAL | 314. | 301. | 1,674. |

## EMISSION PROFILES OF COUNTIES

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 45 LIVE OAK CO | POINT | 455. | 655. | 2. |
| | AREA | 1,353. | 984. | 6,354. |
| | TOTAL | 1,808. | 1,639. | 6,356. |
| 45 LLANO CO | POINT | 6. | 4,761. | 115. |
| | AREA | 1,069. | 618. | 5,178. |
| | TOTAL | 1,075. | 5,379. | 5,293. |
| 45 LOVING CO | POINT | 0. | 0. | 0. |
| | AREA | 354. | 283. | 1,805. |
| | TOTAL | 354. | 283. | 1,805. |
| 45 LUBBOCK CO | POINT | 994. | 14,773. | 622. |
| | AREA | 22,076. | 11,431. | 116,710. |
| | TOTAL | 23,070. | 26,204. | 117,332. |
| 45 LYNN CO | POINT | 1,935. | 387. | 5,482. |
| | AREA | 941. | 683. | 5,734. |
| | TOTAL | 2,876. | 1,070. | 11,216. |
| 45 MC CULLOCH CO | POINT | 0. | 877. | 0. |
| | AREA | 1,196. | 796. | 7,072. |
| | TOTAL | 1,196. | 1,673. | 7,072. |
| 45 MC LENNAN CO | POINT | 5,358. | 17,916. | 111. |
| | AREA | 19,964. | 10,201. | 110,801. |
| | TOTAL | 25,322. | 28,117. | 110,912. |
| 45 MC MULLEN CO | POINT | 1. | 98. | 2. |
| | AREA | 843. | 714. | 4,581. |
| | TOTAL | 844. | 812. | 4,583. |
| 45 MADISON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,298. | 992. | 7,622. |
| | TOTAL | 1,298. | 992. | 7,622. |
| 45 MARION CO | POINT | 29. | 18,390. | 456. |
| | AREA | 1,332. | 829. | 6,691. |
| | TOTAL | 1,361. | 19,219. | 7,147. |
| 45 MARTIN CO | POINT | 58. | 582. | 2. |
| | AREA | 788. | 678. | 4,071. |
| | TOTAL | 846. | 1,260. | 4,073. |
| 45 MASON CO | POINT | 0. | 0. | 0. |
| | AREA | 386. | 314. | 1,993. |
| | TOTAL | 386. | 314. | 1,993. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 45 MATAGORDA CO | POINT | 10,497. | 4,305. | 1,566. |
| | AREA | 5,666. | 3,646. | 24,645. |
| | TOTAL | 16,163. | 7,951. | 26,211. |
| 45 MAVERICK CO | POINT | 0. | 10. | 0. |
| | AREA | 1,968. | 815. | 13,768. |
| | TOTAL | 1,968. | 825. | 13,768. |
| 45 MEDINA CO | POINT | 0. | 2. | 0. |
| | AREA | 2,081. | 1,232. | 10,665. |
| | TOTAL | 2,081. | 1,234. | 10,665. |
| 45 MENARD CO | POINT | 0. | 0. | 0. |
| | AREA | 419. | 610. | 3,814. |
| | TOTAL | 419. | 610. | 3,814. |
| 45 MIDLAND CO | POINT | 4,114. | 11,381. | 8. |
| | AREA | 9,548. | 5,524. | 62,338. |
| | TOTAL | 13,662. | 16,905. | 62,346. |
| 45 MILAM CO | POINT | 524. | 9,244. | 674. |
| | AREA | 2,177. | 1,378. | 12,864. |
| | TOTAL | 2,701. | 10,622. | 13,538. |
| 45 MILLS CO | POINT | 0. | 0. | 0. |
| | AREA | 495. | 413. | 2,675. |
| | TOTAL | 495. | 413. | 2,675. |
| 45 MITCHELL CO | POINT | 84. | 12,549. | 61. |
| | AREA | 1,517. | 999. | 9,046. |
| | TOTAL | 1,601. | 13,548. | 9,107. |
| 45 MONTAGUE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,193. | 1,410. | 12,224. |
| | TOTAL | 2,193. | 1,410. | 12,224. |
| 45 MONTGOMERY CO | POINT | 5,639. | 9,106. | 67,518. |
| | AREA | 7,388. | 6,136. | 36,494. |
| | TOTAL | 13,027. | 15,242. | 104,012. |
| 45 MOORE CO | POINT | 16,668. | 24,730. | 113,337. |
| | AREA | 1,580. | 991. | 9,050. |
| | TOTAL | 18,248. | 25,721. | 122,387. |
| 45 MORRIS CO | POINT | 1,624. | 11,459. | 7,142. |
| | AREA | 1,542. | 1,267. | 9,702. |
| | TOTAL | 3,166. | 12,726. | 16,844. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 45 MOTLEY CO | POINT | 0. | 0. | 0. |
| | AREA | 415. | 204. | 1,946. |
| | TOTAL | 415. | 204. | 1,946. |
| 45 NACOGDOCHES CO | POINT | 184. | 53. | 113. |
| | AREA | 4,969. | 2,431. | 23,709. |
| | TOTAL | 5,153. | 2,484. | 23,822. |
| 45 NAVARRO CO | POINT | 742. | 2,839. | 158. |
| | AREA | 4,860. | 2,631. | 27,690. |
| | TOTAL | 5,602. | 5,470. | 27,848. |
| 45 NEWTON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,322. | 847. | 6,266. |
| | TOTAL | 1,322. | 847. | 6,266. |
| 45 NOLAN CO | POINT | 180. | 2,486. | 0. |
| | AREA | 2,773. | 1,453. | 16,994. |
| | TOTAL | 2,953. | 3,939. | 16,994. |
| 45 NUECES CO | POINT | 71,715. | 36,600. | 52,529. |
| | AREA | 28,033. | 15,647. | 157,180. |
| | TOTAL | 99,748. | 52,247. | 209,709. |
| 45 OCHILTREE CO | POINT | 258. | 134. | 0. |
| | AREA | 1,181. | 678. | 7,202. |
| | TOTAL | 1,439. | 812. | 7,202. |
| 45 OLDHAM CO | POINT | 0. | 0. | 0. |
| | AREA | 1,021. | 800. | 4,856. |
| | TOTAL | 1,021. | 800. | 4,856. |
| 45 ORANGE CO | POINT | 32,455. | 117,317. | 91,919. |
| | AREA | 8,644. | 5,519. | 38,637. |
| | TOTAL | 41,099. | 122,836. | 130,556. |
| 45 PALO PINTO CO | POINT | 362. | 4,891. | 20. |
| | AREA | 3,628. | 1,752. | 15,648. |
| | TOTAL | 3,990. | 6,643. | 15,668. |
| 45 PANOLA CO | POINT | 4,699. | 3,205. | 132. |
| | AREA | 2,048. | 1,336. | 11,746. |
| | TOTAL | 6,747. | 4,541. | 11,878. |
| 45 PARKER CO | POINT | 651. | 1,522. | 11. |
| | AREA | 4,309. | 2,636. | 23,696. |
| | TOTAL | 4,960. | 4,158. | 23,707. |

## EMISSION PROFILES OF COUNTIES

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 45 PARMER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,067. | 907. | 6,394. |
| | TOTAL | 1,067. | 907. | 6,394. |
| 45 PECOS CO | POINT | 10,187. | 6,447. | 231. |
| | AREA | 2,156. | 1,315. | 13,804. |
| | TOTAL | 12,343. | 7,762. | 14,035. |
| 45 POLK CO | POINT | 141. | 510. | 524. |
| | AREA | 2,577. | 1,824. | 12,676. |
| | TOTAL | 2,718. | 2,334. | 13,200. |
| 45 POTTER CO | POINT | 14,684. | 16,611. | 1,652. |
| | AREA | 16,323. | 11,055. | 102,585. |
| | TOTAL | 31,007. | 27,666. | 104,237. |
| 45 PRESIDIO CO | POINT | 0. | 0. | 0. |
| | AREA | 518. | 358. | 2,898. |
| | TOTAL | 518. | 358. | 2,898. |
| 45 RAINS CO | POINT | 0. | 0. | 0. |
| | AREA | 547. | 405. | 2,612. |
| | TOTAL | 547. | 405. | 2,612. |
| 45 RANDALL CO | POINT | 0. | 0. | 0. |
| | AREA | 5,607. | 3,189. | 36,285. |
| | TOTAL | 5,607. | 3,189. | 36,285. |
| 45 REAGAN CO | POINT | 526. | 3,071. | 4. |
| | AREA | 358. | 296. | 1,636. |
| | TOTAL | 884. | 3,367. | 1,640. |
| 45 REAL CO | POINT | 0. | 0. | 0. |
| | AREA | 236. | 225. | 1,426. |
| | TOTAL | 236. | 225. | 1,426. |
| 45 RED RIVER CO | POINT | 85. | 291. | 94. |
| | AREA | 1,736. | 976. | 8,392. |
| | TOTAL | 1,821. | 1,267. | 8,486. |
| 45 REEVES CO | POINT | 3,043. | 1,106. | 87. |
| | AREA | 2,338. | 1,271. | 14,538. |
| | TOTAL | 5,381. | 2,377. | 14,625. |
| 45 REFUGIO CO | POINT | 867. | 3,839. | 44. |
| | AREA | 3,973. | 2,837. | 24,271. |
| | TOTAL | 4,840. | 6,676. | 24,315. |

## EMISSION PROFILES OF COUNTIES

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 45 ROBERTS CO | POINT | 0. | 0. | 0. |
| | AREA | 311. | 185. | 1,423. |
| | TOTAL | 311. | 185. | 1,423. |
| 45 ROBERTSON CO | POINT | 857. | 2. | 83. |
| | AREA | 1,440. | 1,096. | 8,746. |
| | TOTAL | 2,297. | 1,098. | 8,829. |
| 45 ROCKWALL CO | POINT | 0. | 0. | 0. |
| | AREA | 1,518. | 1,019. | 8,671. |
| | TOTAL | 1,518. | 1,019. | 8,671. |
| 45 RUNNELS CO | POINT | 59. | 48. | 1. |
| | AREA | 1,456. | 863. | 8,130. |
| | TOTAL | 1,515. | 911. | 8,131. |
| 45 RUSK CO | POINT | 1,216. | 21,352. | 4,421. |
| | AREA | 4,196. | 2,762. | 21,330. |
| | TOTAL | 5,412. | 24,114. | 25,751. |
| 45 SABINE CO | POINT | 0. | 0. | 0. |
| | AREA | 749. | 566. | 2,985. |
| | TOTAL | 749. | 566. | 2,985. |
| 45 SAN AUGUSTINE CO | POINT | 35. | 0. | 0. |
| | AREA | 1,277. | 590. | 5,859. |
| | TOTAL | 1,312. | 590. | 5,859. |
| 45 SAN JACINTO CO | POINT | 0. | 0. | 0. |
| | AREA | 974. | 823. | 5,502. |
| | TOTAL | 974. | 823. | 5,502. |
| 45 SAN PATRICIO CO | POINT | 15,126. | 76,987. | 4,324. |
| | AREA | 4,405. | 2,989. | 24,699. |
| | TOTAL | 19,531. | 79,976. | 29,023. |
| 45 SAN SABA CO | POINT | 0. | 0. | 0. |
| | AREA | 552. | 381. | 3,294. |
| | TOTAL | 552. | 381. | 3,294. |
| 45 SCHLEICHER CO | POINT | 159. | 848. | 1. |
| | AREA | 337. | 356. | 2,300. |
| | TOTAL | 496. | 1,204. | 2,301. |
| 45 SCURRY CO | POINT | 2,225. | 9,815. | 88. |
| | AREA | 2,194. | 1,320. | 13,714. |
| | TOTAL | 4,419. | 11,135. | 13,802. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 45 SHACKELFORD CO | POINT | 101. | 501. | 0. |
| | AREA | 453. | 443. | 2,133. |
| | TOTAL | 554. | 944. | 2,133. |
| 45 SHELBY CO | POINT | 334. | 336. | 99. |
| | AREA | 2,191. | 1,562. | 9,790. |
| | TOTAL | 2,525. | 1,898. | 9,889. |
| 45 SHERMAN CO | POINT | 0. | 0. | 0. |
| | AREA | 511. | 515. | 3,066. |
| | TOTAL | 511. | 515. | 3,066. |
| 45 SMITH CO | POINT | 21,702. | 1,595. | 171. |
| | AREA | 13,057. | 7,377. | 68,308. |
| | TOTAL | 34,759. | 8,972. | 68,479. |
| 45 SOMERVELL CO | POINT | 0. | 0. | 0. |
| | AREA | 347. | 341. | 1,834. |
| | TOTAL | 347. | 341. | 1,834. |
| 45 STARR CO | POINT | 1,062. | 2,685. | 19. |
| | AREA | 1,264. | 971. | 6,583. |
| | TOTAL | 2,326. | 3,656. | 6,602. |
| 45 STEPHENS CO | POINT | 78. | 352. | 0. |
| | AREA | 1,527. | 1,009. | 9,625. |
| | TOTAL | 1,605. | 1,361. | 9,625. |
| 45 STERLING CO | POINT | 0. | 0. | 0. |
| | AREA | 306. | 275. | 1,603. |
| | TOTAL | 306. | 275. | 1,603. |
| 45 STONEWALL CO | POINT | 23. | 68. | 0. |
| | AREA | 294. | 315. | 1,702. |
| | TOTAL | 317. | 383. | 1,702. |
| 45 SUTTON CO | POINT | 922. | 360. | 3. |
| | AREA | 579. | 559. | 2,614. |
| | TOTAL | 1,501. | 919. | 2,617. |
| 45 SWISHER CO | POINT | 62. | 1. | 0. |
| | AREA | 1,340. | 918. | 8,586. |
| | TOTAL | 1,402. | 919. | 8,586. |
| 45 TARRANT CO | POINT | 35,449. | 20,256. | 1,821. |
| | AREA | 95,007. | 44,586. | 498,752. |
| | TOTAL | 130,456. | 64,842. | 500,573. |

|  | TYPE OF |  | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| STATE AND COUNTY | EMISSIONS | HC | NOX | CO |
| 45 TAYLOR CO | POINT | 348. | 235. | 24. |
|  | AREA | 13,302. | 7,680. | 74,985. |
|  | TOTAL | 13,650. | 7,915. | 75,009. |
| 45 TERRELL CO | POINT | 1,689. | 10,071. | 4. |
|  | AREA | 185. | 180. | 905. |
|  | TOTAL | 1,874. | 10,251. | 909. |
| 45 TERRY CO | POINT | 40. | 1,809. | 55. |
|  | AREA | 1,811. | 1,309. | 11,158. |
|  | TOTAL | 1,851. | 3,118. | 11,213. |
| 45 THROCKMORTON CO | POINT | 0. | 0. | 0. |
|  | AREA | 246. | 189. | 1,276. |
|  | TOTAL | 246. | 189. | 1,276. |
| 45 TITUS CO | POINT | 3,862. | 51,484. | 10,663. |
|  | AREA | 2,551. | 1,494. | 14,225. |
|  | TOTAL | 6,413. | 52,978. | 24,888. |
| 45 TOM GREEN CO | POINT | 109. | 3,591. | 427. |
|  | AREA | 6,640. | 3,759. | 30,046. |
|  | TOTAL | 6,749. | 7,350. | 30,473. |
| 45 TRAVIS CO | POINT | 8,751. | 4,963. | 195. |
|  | AREA | 39,740. | 25,116. | 212,107. |
|  | TOTAL | 48,491. | 30,079. | 212,302. |
| 45 TRINITY CO | POINT | 11. | 1. | 134. |
|  | AREA | 828. | 583. | 4,452. |
|  | TOTAL | 839. | 584. | 4,586. |
| 45 TYLER CO | POINT | 69. | 6. | 1,298. |
|  | AREA | 1,485. | 959. | 6,863. |
|  | TOTAL | 1,554. | 965. | 8,161. |
| 45 UPSHUR CO | POINT | 38. | 21. | 0. |
|  | AREA | 2,271. | 1,537. | 11,587. |
|  | TOTAL | 2,309. | 1,558. | 11,587. |
| 45 UPTON CO | POINT | 744. | 3,059. | 3. |
|  | AREA | 553. | 406. | 3,569. |
|  | TOTAL | 1,297. | 3,465. | 3,572. |
| 45 UVALDE CO | POINT | 0. | 0. | 0. |
|  | AREA | 1,982. | 1,205. | 11,691. |
|  | TOTAL | 1,982. | 1,205. | 11,691. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS |  | * |
|---|---|---|---|---|
|  |  | HC | NOX | CO |
| 45 VAL VERDE CO | POINT | 77. | 12. | 0. |
|  | AREA | 3,505. | 1,594. | 16,107. |
|  | TOTAL | 3,582. | 1,606. | 16,107. |
| 45 VAN ZANDT CO | POINT | 803. | 1,613. | 4. |
|  | AREA | 2,965. | 2,363. | 15,000. |
|  | TOTAL | 3,768. | 3,976. | 15,004. |
| 45 VICTORIA CO | POINT | 7,386. | 9,934. | 14,835. |
|  | AREA | 6,124. | 3,949. | 34,365. |
|  | TOTAL | 13,510. | 13,883. | 49,200. |
| 45 WALKER CO | POINT | 276. | 600. | 1,532. |
|  | AREA | 3,738. | 2,223. | 20,286. |
|  | TOTAL | 4,014. | 2,823. | 21,818. |
| 45 WALLER CO | POINT | 5,094. | 3,828. | 258. |
|  | AREA | 1,671. | 1,339. | 9,364. |
|  | TOTAL | 6,765. | 5,167. | 9,622. |
| 45 WARD CO | POINT | 3,037. | 11,577. | 45. |
|  | AREA | 1,716. | 1,108. | 10,670. |
|  | TOTAL | 4,753. | 12,685. | 10,715. |
| 45 WASHINGTON CO | POINT | 0. | 0. | 0. |
|  | AREA | 2,446. | 1,679. | 11,420. |
|  | TOTAL | 2,446. | 1,679. | 11,420. |
| 45 WEBB CO | POINT | 467. | 2,565. | 562. |
|  | AREA | 6,217. | 3,401. | 37,022. |
|  | TOTAL | 6,684. | 5,966. | 37,584. |
| 45 WHARTON CO | POINT | 714. | 7,233. | 71. |
|  | AREA | 3,783. | 2,473. | 21,157. |
|  | TOTAL | 4,497. | 9,706. | 21,228. |
| 45 WHEELER CO | POINT | 4,557. | 517. | 99,229. |
|  | AREA | 1,377. | 873. | 7,924. |
|  | TOTAL | 5,934. | 1,390. | 107,153. |
| 45 WICHITA CO | POINT | 2,185. | 132. | 7. |
|  | AREA | 22,778. | 11,331. | 143,632. |
|  | TOTAL | 24,963. | 11,463. | 143,639. |
| 45 WILBARGER CO | POINT | 16. | 662. | 22. |
|  | AREA | 2,193. | 1,176. | 14,013. |
|  | TOTAL | 2,209. | 1,838. | 14,035. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 45 WILLACY CO | POINT | 236. | 1,309. | 0. |
| | AREA | 2,530. | 868. | 10,890. |
| | TOTAL | 2,766. | 2,177. | 10,890. |
| 45 WILLIAMSON CO | POINT | 6,561. | 8. | 29. |
| | AREA | 6,425. | 3,814. | 38,100. |
| | TOTAL | 12,986. | 3,822. | 38,129. |
| 45 WILSON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,425. | 1,129. | 7,991. |
| | TOTAL | 1,425. | 1,129. | 7,991. |
| 45 WINKLER CO | POINT | 10,499. | 8,873. | 60. |
| | AREA | 899. | 732. | 5,671. |
| | TOTAL | 11,398. | 9,605. | 5,731. |
| 45 WISE CO | POINT | 1,301. | 1,442. | 4. |
| | AREA | 2,982. | 2,178. | 17,893. |
| | TOTAL | 4,283. | 3,620. | 17,897. |
| 45 WOOD CO | POINT | 561. | 5,840. | 68. |
| | AREA | 2,296. | 1,181. | 16,017. |
| | TOTAL | 2,857. | 7,021. | 16,085. |
| 45 YOAKUM CO | POINT | 948. | 7,576. | 107. |
| | AREA | 841. | 645. | 5,462. |
| | TOTAL | 1,789. | 8,221. | 5,569. |
| 45 YOUNG CO | POINT | 422. | 7,691. | 51. |
| | AREA | 1,903. | 1,029. | 10,121. |
| | TOTAL | 2,325. | 8,720. | 10,172. |
| 45 ZAPATA CO | POINT | 0. | 0. | 0. |
| | AREA | 963. | 378. | 3,750. |
| | TOTAL | 963. | 378. | 3,750. |
| 45 ZAVALA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,103. | 622. | 6,493. |
| | TOTAL | 1,103. | 622. | 6,493. |
| 46 BEAVER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,035. | 486. | 7,374. |
| | TOTAL | 1,035. | 486. | 7,374. |
| 46 BOX ELDER CO | POINT | 8. | 300. | 28. |
| | AREA | 6,609. | 2,510. | 46,362. |
| | TOTAL | 6,617. | 2,810. | 46,390. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 46 CACHE CO | POINT | 0. | 7. | 0. |
| | AREA | 5,926. | 2,681. | 36,259. |
| | TOTAL | 5,926. | 2,688. | 36,259. |
| 46 CARBON CO | POINT | 81. | 4,891. | 271. |
| | AREA | 1,768. | 894. | 11,019. |
| | TOTAL | 1,849. | 5,785. | 11,290. |
| 46 DAGGETT CO | POINT | 0. | 0. | 0. |
| | AREA | 188. | 95. | 1,442. |
| | TOTAL | 188. | 95. | 1,442. |
| 46 DAVIS CO | POINT | 1,386. | 870. | 25,953. |
| | AREA | 11,362. | 5,405. | 84,247. |
| | TOTAL | 12,748. | 6,275. | 110,200. |
| 46 DUCHESNE CO | POINT | 2. | 0. | 26. |
| | AREA | 1,623. | 1,053. | 11,864. |
| | TOTAL | 1,625. | 1,053. | 11,890. |
| 46 EMERY CO | POINT | 207. | 12,513. | 693. |
| | AREA | 2,295. | 1,170. | 17,907. |
| | TOTAL | 2,502. | 13,683. | 18,600. |
| 46 GARFIELD CO | POINT | 215. | 19. | 2,548. |
| | AREA | 1,086. | 469. | 7,594. |
| | TOTAL | 1,301. | 488. | 10,142. |
| 46 GRAND CO | POINT | 190. | 0. | 43. |
| | AREA | 1,793. | 597. | 14,904. |
| | TOTAL | 1,983. | 597. | 14,947. |
| 46 IRON CO | POINT | 1. | 92. | 5. |
| | AREA | 2,749. | 1,005. | 21,208. |
| | TOTAL | 2,750. | 1,097. | 21,213. |
| 46 JUAB CO | POINT | 0. | 0. | 0. |
| | AREA | 1,835. | 695. | 16,103. |
| | TOTAL | 1,835. | 695. | 16,103. |
| 46 KANE CO | POINT | 0. | 0. | 0. |
| | AREA | 989. | 396. | 6,587. |
| | TOTAL | 989. | 396. | 6,587. |
| 46 MILLARD CO | POINT | 0. | 0. | 0. |
| | AREA | 1,933. | 1,110. | 14,550. |
| | TOTAL | 1,933. | 1,110. | 14,550. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 46 MORGAN CO | POINT | 0. | 2,378. | 0. |
| | AREA | 612. | 342. | 4,097. |
| | TOTAL | 612. | 2,720. | 4,097. |
| 46 PIUTE CO | POINT | 0. | 0. | 0. |
| | AREA | 394. | 195. | 3,045. |
| | TOTAL | 394. | 195. | 3,045. |
| 46 RICH CO | POINT | 0. | 0. | 0. |
| | AREA | 354. | 306. | 1,680. |
| | TOTAL | 354. | 306. | 1,680. |
| 46 SALT LAKE CO | POINT | 5,118. | 19,795. | 5,493. |
| | AREA | 59,289. | 27,603. | 382,563. |
| | TOTAL | 64,407. | 47,398. | 388,056. |
| 46 SAN JUAN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,894. | 903. | 12,772. |
| | TOTAL | 1,894. | 903. | 12,772. |
| 46 SANPETE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,874. | 1,040. | 11,332. |
| | TOTAL | 1,874. | 1,040. | 11,332. |
| 46 SEVIER CO | POINT | 0. | 0. | 0. |
| | AREA | 2,366. | 1,176. | 17,847. |
| | TOTAL | 2,366. | 1,176. | 17,847. |
| 46 SUMMIT CO | POINT | 0. | 0. | 0. |
| | AREA | 1,802. | 1,002. | 14,165. |
| | TOTAL | 1,802. | 1,002. | 14,165. |
| 46 TOOELE CO | POINT | 196. | 351. | 7,917. |
| | AREA | 3,889. | 1,512. | 29,831. |
| | TOTAL | 4,085. | 1,863. | 37,748. |
| 46 UINTAH CO | POINT | 0. | 0. | 0. |
| | AREA | 2,141. | 1,067. | 14,608. |
| | TOTAL | 2,141. | 1,067. | 14,608. |
| 46 UTAH CO | POINT | 53. | 2,476. | 14,492. |
| | AREA | 15,137. | 7,116. | 108,753. |
| | TOTAL | 15,190. | 9,592. | 123,245. |
| 46 WASATCH CO | POINT | 0. | 0. | 0. |
| | AREA | 1,506. | 652. | 11,906. |
| | TOTAL | 1,506. | 652. | 11,906. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 46 WASHINGTON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,673. | 1,117. | 18,981. |
| | TOTAL | 2,673. | 1,117. | 18,981. |
| 46 WAYNE CO | POINT | 0. | 0. | 0. |
| | AREA | 454. | 213. | 3,219. |
| | TOTAL | 454. | 213. | 3,219. |
| 46 WEBER CO | POINT | 499. | 158. | 672. |
| | AREA | 12,814. | 6,801. | 97,504. |
| | TOTAL | 13,313. | 6,959. | 98,176. |
| 47 ADDISON CO | POINT | 1,365. | 106. | 20. |
| | AREA | 1,926. | 1,591. | 8,654. |
| | TOTAL | 3,291. | 1,697. | 8,674. |
| 47 BENNINGTON CO | POINT | 403. | 72. | 9. |
| | AREA | 2,585. | 1,618. | 9,645. |
| | TOTAL | 2,988. | 1,690. | 9,654. |
| 47 CALEDONIA CO | POINT | 40. | 35. | 4. |
| | AREA | 1,854. | 1,492. | 6,738. |
| | TOTAL | 1,894. | 1,527. | 6,742. |
| 47 CHITTENDEN CO | POINT | 1,645. | 267. | 59. |
| | AREA | 7,341. | 4,494. | 35,406. |
| | TOTAL | 8,986. | 4,761. | 35,465. |
| 47 ESSEX CO | POINT | 194. | 2. | 0. |
| | AREA | 859. | 336. | 1,601. |
| | TOTAL | 1,053. | 338. | 1,601. |
| 47 FRANKLIN CO | POINT | 554. | 75. | 9. |
| | AREA | 2,665. | 1,714. | 11,331. |
| | TOTAL | 3,219. | 1,789. | 11,340. |
| 47 GRAND ISLE CO | POINT | 0. | 0. | 0. |
| | AREA | 594. | 256. | 2,398. |
| | TOTAL | 594. | 256. | 2,398. |
| 47 LAMOILLE CO | POINT | 12. | 63. | 12. |
| | AREA | 1,125. | 951. | 4,257. |
| | TOTAL | 1,137. | 1,014. | 4,269. |
| 47 ORANGE CO | POINT | 235. | 41. | 8. |
| | AREA | 1,583. | 1,232. | 6,405. |
| | TOTAL | 1,818. | 1,273. | 6,413. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS<br>NOX | *<br>CO |
|---|---|---|---|---|
| 47 ORLEANS CO | POINT | 436. | 116. | 16. |
| | AREA | 1,795. | 1,299. | 8,174. |
| | TOTAL | 2,231. | 1,415. | 8,190. |
| 47 RUTLAND CO | POINT | 218. | 59. | 23. |
| | AREA | 4,902. | 2,987. | 18,876. |
| | TOTAL | 5,120. | 3,046. | 18,899. |
| 47 WASHINGTON CO | POINT | 27. | 68. | 15. |
| | AREA | 3,937. | 2,532. | 18,594. |
| | TOTAL | 3,964. | 2,600. | 18,609. |
| 47 WINDHAM CO | POINT | 197. | 26. | 4. |
| | AREA | 3,768. | 2,209. | 12,972. |
| | TOTAL | 3,965. | 2,235. | 12,976. |
| 47 WINDSOR CO | POINT | 276. | 20. | 4. |
| | AREA | 4,132. | 2,883. | 15,639. |
| | TOTAL | 4,408. | 2,903. | 15,643. |
| 48 ACCOMACK CO | POINT | 10. | 25. | 3. |
| | AREA | 3,664. | 1,946. | 13,994. |
| | TOTAL | 3,674. | 1,971. | 13,997. |
| 48 ALBEMARLE CO | POINT | 7. | 132. | 17. |
| | AREA | 7,677. | 3,598. | 31,393. |
| | TOTAL | 7,684. | 3,730. | 31,410. |
| 48 ALEXANDRIA | POINT | 230. | 8,584. | 1,975. |
| | AREA | 3,093. | 1,679. | 6,592. |
| | TOTAL | 3,323. | 10,263. | 8,567. |
| 48 ALLEGHANY CO | POINT | 301. | 4,412. | 5,136. |
| | AREA | 12,797. | 8,648. | 87,623. |
| | TOTAL | 13,098. | 13,060. | 92,759. |
| 48 AMELIA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,637. | 1,356. | 8,483. |
| | TOTAL | 1,637. | 1,356. | 8,483. |
| 48 AMHERST CO | POINT | 79. | 966. | 545. |
| | AREA | 913. | 732. | 3,840. |
| | TOTAL | 992. | 1,698. | 4,385. |
| 48 APPOMATTOX CO | POINT | 256. | 55. | 17. |
| | AREA | 1,490. | 1,283. | 7,051. |
| | TOTAL | 1,746. | 1,338. | 7,068. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 48 ARLINGTON CO | POINT | 70. | 800. | 104. |
| | AREA | 5,906. | 4,156. | 12,276. |
| | TOTAL | 5,976. | 4,956. | 12,380. |
| 48 AUGUSTA CO | POINT | 3,725. | 1,795. | 151. |
| | AREA | 14,204. | 8,015. | 78,071. |
| | TOTAL | 17,929. | 9,810. | 78,222. |
| 48 BATH CO | POINT | 0. | 0. | 0. |
| | AREA | 4,417. | 4,511. | 26,844. |
| | TOTAL | 4,417. | 4,511. | 26,844. |
| 48 BEDFORD CO | POINT | 785. | 1,131. | 122. |
| | AREA | 1,484. | 825. | 5,119. |
| | TOTAL | 2,269. | 1,956. | 5,241. |
| 48 BLAND CO | POINT | 0. | 0. | 0. |
| | AREA | 1,624. | 1,605. | 8,516. |
| | TOTAL | 1,624. | 1,605. | 8,516. |
| 48 BOTETOURT CO | POINT | 1. | 724. | 0. |
| | AREA | 1,099. | 578. | 2,985. |
| | TOTAL | 1,100. | 1,302. | 2,985. |
| 48 BRUNSWICK CO | POINT | 2. | 15. | 3. |
| | AREA | 1,638. | 1,178. | 7,174. |
| | TOTAL | 1,640. | 1,193. | 7,177. |
| 48 BUCHANAN CO | POINT | 870. | 8. | 263. |
| | AREA | 1,316. | 1,142. | 5,062. |
| | TOTAL | 2,186. | 1,150. | 5,325. |
| 48 BUCKINGHAM CO | POINT | 2. | 0. | 0. |
| | AREA | 1,771. | 1,544. | 10,270. |
| | TOTAL | 1,773. | 1,544. | 10,270. |
| 48 CAMPBELL CO | POINT | 304. | 743. | 24,155. |
| | AREA | 2,357. | 1,133. | 6,010. |
| | TOTAL | 2,661. | 1,876. | 30,165. |
| 48 CAROLINE CO | POINT | 7. | 0. | 82. |
| | AREA | 5,705. | 5,024. | 30,416. |
| | TOTAL | 5,712. | 5,024. | 30,498. |
| 48 CARROLL CO | POINT | 592. | 80. | 9. |
| | AREA | 2,599. | 1,144. | 7,680. |
| | TOTAL | 3,191. | 1,224. | 7,689. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 48 CHARLES CITY CO | POINT | 0. | 0. | 0. |
| | AREA | 1,067. | 832. | 5,268. |
| | TOTAL | 1,067. | 832. | 5,268. |
| 48 CHARLOTTE CO | POINT | 0. | 12. | 1. |
| | AREA | 605. | 396. | 2,240. |
| | TOTAL | 605. | 408. | 2,241. |
| 48 CHESAPEAKE | POINT | 2,933. | 11,625. | 538. |
| | AREA | 7,373. | 4,385. | 46,412. |
| | TOTAL | 10,306. | 16,010. | 46,950. |
| 48 CHESTERFIELD CO | POINT | 4,151. | 15,732. | 833. |
| | AREA | 7,633. | 3,199. | 20,240. |
| | TOTAL | 11,784. | 18,931. | 21,073. |
| 48 CLARKE CO | POINT | 0. | 0. | 0. |
| | AREA | 979. | 624. | 3,045. |
| | TOTAL | 979. | 624. | 3,045. |
| 48 CRAIG CO | POINT | 0. | 0. | 0. |
| | AREA | 290. | 286. | 1,423. |
| | TOTAL | 290. | 286. | 1,423. |
| 48 CULPEPER CO | POINT | 120. | 10. | 15. |
| | AREA | 1,939. | 1,279. | 9,147. |
| | TOTAL | 2,059. | 1,289. | 9,162. |
| 48 CUMBERLAND CO | POINT | 0. | 0. | 0. |
| | AREA | 430. | 298. | 2,029. |
| | TOTAL | 430. | 298. | 2,029. |
| 48 DICKENSON CO | POINT | 0. | 0. | 0. |
| | AREA | 925. | 836. | 3,973. |
| | TOTAL | 925. | 836. | 3,973. |
| 48 DINWIDDIE CO | POINT | 10. | 165. | 23. |
| | AREA | 4,564. | 2,286. | 22,081. |
| | TOTAL | 4,574. | 2,451. | 22,104. |
| 48 ESSEX CO | POINT | 0. | 0. | 0. |
| | AREA | 1,235. | 535. | 3,399. |
| | TOTAL | 1,235. | 535. | 3,399. |
| 48 FAIRFAX | POINT | 0. | 0. | 0. |
| | AREA | 20,765. | 11,837. | 159,659. |
| | TOTAL | 20,765. | 11,837. | 159,659. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 48 FAIRFAX CO | POINT | 1,993. | 465. | 50. |
| | AREA | 30,803. | 17,916. | 168,968. |
| | TOTAL | 32,796. | 18,381. | 169,018. |
| 48 FAUQUIER CO | POINT | 0. | 0. | 0. |
| | AREA | 2,256. | 1,850. | 10,960. |
| | TOTAL | 2,256. | 1,650. | 10,960. |
| 48 FLOYD CO | POINT | 0. | 0. | 0. |
| | AREA | 849. | 687. | 4,220. |
| | TOTAL | 849. | 687. | 4,220. |
| 48 FLUVANNA CO | POINT | 78. | 6,357. | 255. |
| | AREA | 679. | 463. | 2,834. |
| | TOTAL | 757. | 6,820. | 3,089. |
| 48 FRANKLIN CO | POINT | 25. | 26. | 9. |
| | AREA | 3,399. | 1,834. | 11,337. |
| | TOTAL | 3,424. | 1,860. | 11,346. |
| 48 FREDERICK CO | POINT | 3,542. | 117. | 16. |
| | AREA | 7,151. | 3,083. | 22,005. |
| | TOTAL | 10,693. | 3,200. | 22,021. |
| 48 GILES CO | POINT | 158. | 9,309. | 264. |
| | AREA | 1,173. | 944. | 4,964. |
| | TOTAL | 1,331. | 10,253. | 5,228. |
| 48 GLOUCESTER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,577. | 981. | 6,269. |
| | TOTAL | 1,577. | 981. | 6,269. |
| 48 GOOCHLAND CO | POINT | 3. | 25. | 3. |
| | AREA | 619. | 526. | 3,095. |
| | TOTAL | 622. | 551. | 3,098. |
| 48 GRAYSON CO | POINT | 303. | 258. | 49. |
| | AREA | 2,051. | 1,564. | 9,546. |
| | TOTAL | 2,354. | 1,822. | 9,595. |
| 48 GREENE CO | POINT | 0. | 0. | 0. |
| | AREA | 401. | 342. | 1,952. |
| | TOTAL | 401. | 342. | 1,952. |
| 48 GREENSVILLE CO | POINT | 66. | 453. | 725. |
| | AREA | 1,669. | 1,049. | 7,583. |
| | TOTAL | 1,735. | 1,502. | 8,308. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | NOX | *<br>CO |
|---|---|---|---|---|
| 48 HALIFAX CO | POINT | 483. | 383. | 70. |
| | AREA | 3,283. | 2,096. | 15,200. |
| | TOTAL | 3,766. | 2,479. | 15,270. |
| 48 HAMPTON | POINT | 19. | 305. | 29. |
| | AREA | 8,580. | 4,431. | 47,849. |
| | TOTAL | 8,599. | 4,736. | 47,878. |
| 48 HANOVER CO | POINT | 269. | 15. | 8. |
| | AREA | 4,030. | 2,802. | 17,707. |
| | TOTAL | 4,299. | 2,817. | 17,715. |
| 48 HENRICO CO | POINT | 311. | 141. | 0. |
| | AREA | 26,894. | 16,935. | 181,306. |
| | TOTAL | 27,205. | 17,076. | 181,306. |
| 48 HENRY CO | POINT | 3,302. | 2,021. | 158. |
| | AREA | 12,109. | 4,295. | 37,656. |
| | TOTAL | 15,411. | 6,316. | 37,814. |
| 48 HIGHLAND CO | POINT | 0. | 0. | 0. |
| | AREA | 236. | 196. | 1,123. |
| | TOTAL | 236. | 196. | 1,123. |
| 48 ISLE OF WIGHT CO | POINT | 435. | 4,853. | 27,126. |
| | AREA | 2,083. | 1,254. | 8,948. |
| | TOTAL | 2,518. | 6,107. | 36,074. |
| 48 JAMES CITY CO | POINT | 2,829. | 713. | 263. |
| | AREA | 2,402. | 1,599. | 13,463. |
| | TOTAL | 5,231. | 2,312. | 13,726. |
| 48 KING AND QUEEN CO | POINT | 5. | 0. | 65. |
| | AREA | 532. | 372. | 2,547. |
| | TOTAL | 537. | 372. | 2,612. |
| 48 KING GEORGE CO | POINT | 8. | 10. | 2. |
| | AREA | 659. | 497. | 2,643. |
| | TOTAL | 667. | 507. | 2,645. |
| 48 KING WILLIAM CO | POINT | 122. | 2,269. | 9,486. |
| | AREA | 1,895. | 613. | 4,711. |
| | TOTAL | 2,017. | 2,882. | 14,197. |
| 48 LANCASTER CO | POINT | 0. | 0. | 0. |
| | AREA | 1,042. | 704. | 4,036. |
| | TOTAL | 1,042. | 704. | 4,036. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 48 LEE CO | POINT | 0. | 3. | 0. |
| | AREA | 1,339. | 1,197. | 5,814. |
| | TOTAL | 1,339. | 1,200. | 5,814. |
| 48 LOUDOUN CO | POINT | 2. | 1. | 0. |
| | AREA | 4,378. | 3,270. | 19,988. |
| | TOTAL | 4,380. | 3,271. | 19,988. |
| 48 LOUISA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,460. | 956. | 6,089. |
| | TOTAL | 1,460. | 956. | 6,089. |
| 48 LUNENBERG CO | POINT | 353. | 12. | 787. |
| | AREA | 1,206. | 668. | 4,273. |
| | TOTAL | 1,559. | 680. | 5,060. |
| 48 MADISON CO | POINT | 0. | 0. | 0. |
| | AREA | 804. | 556. | 3,224. |
| | TOTAL | 804. | 556. | 3,224. |
| 48 MATHEWS CO | POINT | 0. | 0. | 0. |
| | AREA | 735. | 477. | 3,131. |
| | TOTAL | 735. | 477. | 3,131. |
| 48 MECKLENBURG CO | POINT | 13. | 264. | 31. |
| | AREA | 3,775. | 1,889. | 15,016. |
| | TOTAL | 3,788. | 2,153. | 15,047. |
| 48 MIDDLESEX CO | POINT | 0. | 0. | 0. |
| | AREA | 675. | 470. | 2,863. |
| | TOTAL | 675. | 470. | 2,863. |
| 48 MONTGOMERY CO | POINT | 62. | 1,651. | 1,124. |
| | AREA | 6,837. | 3,244. | 27,570. |
| | TOTAL | 6,899. | 4,895. | 28,694. |
| 48 NANSEMOND CO | POINT | 0. | 0. | 0. |
| | AREA | 3,602. | 1,924. | 15,164. |
| | TOTAL | 3,602. | 1,924. | 15,164. |
| 48 NELSON CO | POINT | 2. | 0. | 0. |
| | AREA | 981. | 794. | 4,656. |
| | TOTAL | 983. | 794. | 4,656. |
| 48 NEW KENT CO | POINT | 0. | 0. | 0. |
| | AREA | 767. | 499. | 3,175. |
| | TOTAL | 767. | 499. | 3,175. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 48 NEWPORT NEWS | POINT | 1,141. | 779. | 709. |
| | AREA | 17,313. | 5,889. | 53,847. |
| | TOTAL | 18,454. | 6,668. | 54,556. |
| 48 NORFOLK | POINT | 2,966. | 1,537. | 1,828. |
| | AREA | 21,045. | 12,813. | 105,101. |
| | TOTAL | 24,011. | 14,350. | 106,929. |
| 48 NORTHAMPTON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,258. | 941. | 8,485. |
| | TOTAL | 2,258. | 941. | 8,485. |
| 48 NORTHUMBERLAND CO | POINT | 8. | 144. | 12. |
| | AREA | 1,133. | 636. | 4,238. |
| | TOTAL | 1,141. | 780. | 4,250. |
| 48 NOTTOWAY CO | POINT | 13. | 69. | 14. |
| | AREA | 1,410. | 989. | 6,887. |
| | TOTAL | 1,423. | 1,058. | 6,901. |
| 48 ORANGE CO | POINT | 0. | 6. | 0. |
| | AREA | 1,802. | 1,121. | 7,875. |
| | TOTAL | 1,802. | 1,127. | 7,875. |
| 48 PAGE CO | POINT | 1. | 40. | 3. |
| | AREA | 1,897. | 1,155. | 7,865. |
| | TOTAL | 1,898. | 1,195. | 7,868. |
| 48 PATRICK CO | POINT | 15. | 90. | 16. |
| | AREA | 1,753. | 1,005. | 6,124. |
| | TOTAL | 1,768. | 1,095. | 6,140. |
| 48 PITTSYLVANIA CO | POINT | 4,095. | 2,027. | 147. |
| | AREA | 10,712. | 5,409. | 46,999. |
| | TOTAL | 14,807. | 7,436. | 47,146. |
| 48 PORTSMOUTH | POINT | 319. | 1,649. | 431. |
| | AREA | 7,881. | 3,850. | 39,716. |
| | TOTAL | 8,200. | 5,499. | 40,147. |
| 48 POWHATAN CO | POINT | 1. | 26. | 2. |
| | AREA | 666. | 564. | 3,086. |
| | TOTAL | 667. | 590. | 3,088. |
| 48 PRINCE EDWARD CO | POINT | 90. | 90. | 121. |
| | AREA | 1,524. | 925. | 7,078. |
| | TOTAL | 1,614. | 1,015. | 7,199. |

| STATE AND COUNTY | TYPE OF EMISSIONS | HC | COMPUTED EMISSIONS NOX | * CO |
|---|---|---|---|---|
| 48 PRINCE GEORGE CO | POINT | 2,674. | 13,955. | 12,804. |
| | AREA | 3,925. | 1,685. | 15,570. |
| | TOTAL | 6,599. | 15,640. | 28,374. |
| 48 PRINCE WILLIAM CO | POINT | 343. | 22,287. | 1,226. |
| | AREA | 9,641. | 5,792. | 49,960. |
| | TOTAL | 9,984. | 28,079. | 51,186. |
| 48 PULASKI CO | POINT | 2,197. | 411. | 169. |
| | AREA | 3,284. | 1,586. | 11,795. |
| | TOTAL | 5,481. | 1,997. | 11,964. |
| 48 RAPPAHANNOCK CO | POINT | 0. | 0. | 0. |
| | AREA | 520. | 400. | 2,248. |
| | TOTAL | 520. | 400. | 2,248. |
| 48 RICHMOND | POINT | 8,631. | 900. | 412. |
| | AREA | 13,703. | 3,857. | 9,472. |
| | TOTAL | 22,334. | 4,757. | 9,884. |
| 48 RICHMOND CO | POINT | 17. | 360. | 17. |
| | AREA | 757. | 494. | 3,111. |
| | TOTAL | 774. | 854. | 3,128. |
| 48 ROANOKE CO | POINT | 3,355. | 301. | 145. |
| | AREA | 19,507. | 8,027. | 84,820. |
| | TOTAL | 22,862. | 8,328. | 84,965. |
| 48 ROCKBRIDGE CO | POINT | 3,374. | 76. | 16. |
| | AREA | 3,096. | 1,509. | 13,199. |
| | TOTAL | 6,470. | 1,585. | 13,215. |
| 48 ROCKINGHAM CO | POINT | 484. | 418. | 153. |
| | AREA | 8,227. | 4,255. | 29,254. |
| | TOTAL | 8,711. | 4,673. | 29,407. |
| 48 RUSSELL CO | POINT | 284. | 16,939. | 941. |
| | AREA | 1,663. | 1,473. | 7,134. |
| | TOTAL | 1,947. | 18,412. | 8,075. |
| 48 SCOTT CO | POINT | 0. | 0. | 0. |
| | AREA | 1,591. | 1,305. | 7,082. |
| | TOTAL | 1,591. | 1,305. | 7,082. |
| 48 SHENANDOAH CO | POINT | 614. | 178. | 1,565. |
| | AREA | 2,830. | 1,814. | 9,995. |
| | TOTAL | 3,444. | 1,992. | 11,560. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 48 SMYTH CO | POINT | 1,051. | 99. | 14. |
| | AREA | 3,464. | 1,769. | 12,339. |
| | TOTAL | 4,515. | 1,868. | 12,353. |
| 48 SOUTHAMPTON CO | POINT | 3. | 100. | 15. |
| | AREA | 2,858. | 1,551. | 11,212. |
| | TOTAL | 2,861. | 1,651. | 11,227. |
| 48 SPOTSYLVANIA CO | POINT | 3,150. | 1,005. | 83. |
| | AREA | 4,748. | 2,640. | 22,834. |
| | TOTAL | 7,898. | 3,645. | 22,917. |
| 48 STAFFORD CO | POINT | 0. | 0. | 0. |
| | AREA | 3,174. | 2,841. | 15,130. |
| | TOTAL | 3,174. | 2,841. | 15,130. |
| 48 SURRY CO | POINT | 0. | 0. | 0. |
| | AREA | 997. | 645. | 4,873. |
| | TOTAL | 997. | 645. | 4,873. |
| 48 SUSSEX CO | POINT | 77. | 160. | 407. |
| | AREA | 848. | 472. | 3,116. |
| | TOTAL | 925. | 632. | 3,523. |
| 48 TAZEWELL CO | POINT | 13. | 21. | 50. |
| | AREA | 2,384. | 1,200. | 6,432. |
| | TOTAL | 2,397. | 1,221. | 6,482. |
| 48 VIRGINIA BEACH | POINT | 89. | 373. | 33. |
| | AREA | 5,709. | 3,771. | 20,652. |
| | TOTAL | 5,798. | 4,144. | 20,685. |
| 48 WARREN CO | POINT | 39. | 3,504. | 145. |
| | AREA | 9,741. | 6,213. | 67,030. |
| | TOTAL | 9,780. | 9,717. | 67,175. |
| 48 WASHINGTON CO | POINT | 91. | 32. | 127. |
| | AREA | 4,405. | 1,587. | 9,747. |
| | TOTAL | 4,496. | 1,619. | 9,874. |
| 48 WESTMORELAND CO | POINT | 13. | 1. | 162. |
| | AREA | 3,342. | 2,901. | 16,680. |
| | TOTAL | 3,355. | 2,902. | 16,842. |
| 48 WISE CO | POINT | 44. | 4. | 520. |
| | AREA | 1,624. | 1,108. | 5,154. |
| | TOTAL | 1,668. | 1,112. | 5,674. |

## EMISSION PROFILES OF COUNTIES

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS * HC | NOX | CO |
|---|---|---|---|---|
| 48 WYTHE CO | POINT | 1. | 4. | 0. |
| | AREA | 3,258. | 2,153. | 15,169. |
| | TOTAL | 3,259. | 2,157. | 15,169. |
| 48 YORK CO | POINT | 7,140. | 18,098. | 911. |
| | AREA | 2,651. | 1,620. | 9,551. |
| | TOTAL | 9,791. | 19,718. | 10,462. |
| 49 ADAMS CO | POINT | 0. | 8. | 1. |
| | AREA | 2,513. | 1,437. | 13,809. |
| | TOTAL | 2,513. | 1,445. | 13,810. |
| 49 ASOTIN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,507. | 827. | 9,211. |
| | TOTAL | 1,507. | 827. | 9,211. |
| 49 BENTON CO | POINT | 75. | 4,139. | 192. |
| | AREA | 9,217. | 4,151. | 46,204. |
| | TOTAL | 9,292. | 8,290. | 46,396. |
| 49 CHELAN CO | POINT | 571. | 5,947. | 22,592. |
| | AREA | 5,207. | 2,569. | 24,915. |
| | TOTAL | 5,778. | 8,516. | 47,507. |
| 49 CLALLAM CO | POINT | 296. | 2,284. | 1,117. |
| | AREA | 9,175. | 3,311. | 49,165. |
| | TOTAL | 9,471. | 5,595. | 50,282. |
| 49 CLARK CO | POINT | 2,656. | 4,774. | 15,255. |
| | AREA | 15,464. | 7,163. | 80,110. |
| | TOTAL | 18,120. | 11,937. | 95,365. |
| 49 COLUMBIA CO | POINT | 0. | 0. | 0. |
| | AREA | 934. | 1,187. | 5,499. |
| | TOTAL | 934. | 1,187. | 5,499. |
| 49 COWLITZ CO | POINT | 14,064. | 14,923. | 21,954. |
| | AREA | 16,375. | 5,318. | 71,699. |
| | TOTAL | 30,439. | 20,241. | 93,653. |
| 49 DOUGLAS CO | POINT | 22. | 109. | 22. |
| | AREA | 1,732. | 1,692. | 9,366. |
| | TOTAL | 1,754. | 1,801. | 9,388. |
| 49 FERRY CO | POINT | 257. | 57. | 2,962. |
| | AREA | 853. | 365. | 3,545. |
| | TOTAL | 1,110. | 422. | 6,507. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS * | | |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 49 FRANKLIN CO | POINT | 2,172. | 0. | 0. |
| | AREA | 4,024. | 1,737. | 20,392. |
| | TOTAL | 6,196. | 1,737. | 20,392. |
| 49 GARFIELD CO | POINT | 0. | 0. | 0. |
| | AREA | 759. | 586. | 4,257. |
| | TOTAL | 759. | 586. | 4,257. |
| 49 GRANT CO | POINT | 264. | 962. | 170. |
| | AREA | 6,956. | 3,236. | 38,072. |
| | TOTAL | 7,220. | 4,198. | 38,242. |
| 49 GRAYS HARBOR CO | POINT | 527. | 2,717. | 2,843. |
| | AREA | 10,437. | 4,200. | 47,497. |
| | TOTAL | 10,964. | 6,917. | 50,340. |
| 49 ISLAND CO | POINT | 10. | 0. | 0. |
| | AREA | 3,343. | 2,340. | 16,070. |
| | TOTAL | 3,353. | 2,340. | 16,070. |
| 49 JEFFERSON CO | POINT | 224. | 1,195. | 1,288. |
| | AREA | 6,372. | 1,734. | 32,591. |
| | TOTAL | 6,596. | 2,929. | 33,879. |
| 49 KING CO | POINT | 6,664. | 4,727. | 4,317. |
| | AREA | 121,019. | 44,987. | 583,300. |
| | TOTAL | 127,683. | 49,714. | 587,617. |
| 49 KITSAP CO | POINT | 571. | 749. | 110. |
| | AREA | 9,996. | 12,102. | 63,469. |
| | TOTAL | 10,567. | 12,851. | 63,579. |
| 49 KITTITAS CO | POINT | 0. | 158. | 7. |
| | AREA | 6,800. | 3,585. | 41,110. |
| | TOTAL | 6,800. | 3,743. | 41,117. |
| 49 KLICKITAT CO | POINT | 94. | 362. | 20,177. |
| | AREA | 1,961. | 1,208. | 8,724. |
| | TOTAL | 2,055. | 1,570. | 28,901. |
| 49 LEWIS CO | POINT | 1,478. | 49,095. | 7,904. |
| | AREA | 8,973. | 3,730. | 46,561. |
| | TOTAL | 10,451. | 52,825. | 54,465. |
| 49 LINCOLN CO | POINT | 125. | 112. | 1,255. |
| | AREA | 2,070. | 1,615. | 11,454. |
| | TOTAL | 2,195. | 1,727. | 12,709. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 49 MASON CO | POINT | 145. | 688. | 152. |
| | AREA | 3,749. | 1,467. | 17,022. |
| | TOTAL | 3,894. | 2,155. | 17,174. |
| 49 OKANOGAN CO | POINT | 286. | 1,119. | 280. |
| | AREA | 12,800. | 3,513. | 72,664. |
| | TOTAL | 13,086. | 4,632. | 72,944. |
| 49 PACIFIC CO | POINT | 237. | 623. | 521. |
| | AREA | 4,261. | 1,652. | 20,754. |
| | TOTAL | 4,498. | 2,275. | 21,275. |
| 49 PEND OREILLE CO | POINT | 93. | 337. | 1,045. |
| | AREA | 1,097. | 617. | 5,595. |
| | TOTAL | 1,190. | 954. | 6,640. |
| 49 PIERCE CO | POINT | 5,409. | 6,370. | 29,456. |
| | AREA | 40,530. | 16,374. | 205,039. |
| | TOTAL | 45,939. | 22,744. | 234,495. |
| 49 SAN JUAN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,654. | 2,761. | 9,545. |
| | TOTAL | 1,654. | 2,761. | 9,545. |
| 49 SKAGIT CO | POINT | 4,171. | 3,634. | 1,555. |
| | AREA | 8,433. | 3,702. | 43,248. |
| | TOTAL | 12,604. | 7,336. | 44,803. |
| 49 SKAMANIA CO | POINT | 285. | 236. | 2,286. |
| | AREA | 2,395. | 1,234. | 13,182. |
| | TOTAL | 2,680. | 1,470. | 15,468. |
| 49 SNOHOMISH CO | POINT | 2,843. | 3,648. | 2,489. |
| | AREA | 23,496. | 10,469. | 123,617. |
| | TOTAL | 26,339. | 14,117. | 126,106. |
| 49 SPOKANE CO | POINT | 1,873. | 617. | 35,784. |
| | AREA | 33,835. | 14,671. | 178,203. |
| | TOTAL | 35,708. | 15,288. | 213,987. |
| 49 STEVENS CO | POINT | 892. | 108. | 9,725. |
| | AREA | 3,155. | 3,374. | 15,963. |
| | TOTAL | 4,047. | 3,482. | 25,688. |
| 49 THURSTON CO | POINT | 31. | 54. | 5. |
| | AREA | 11,304. | 5,361. | 60,483. |
| | TOTAL | 11,335. | 5,415. | 60,488. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS * | | |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 49 WAHKIAKUM CO | POINT | 32. | 3. | 306. |
| | AREA | 661. | 961. | 3,240. |
| | TOTAL | 693. | 964. | 3,546. |
| 49 WALLA WALLA CO | POINT | 28. | 526. | 5,067. |
| | AREA | 4,869. | 1,935. | 23,896. |
| | TOTAL | 4,897. | 2,461. | 28,963. |
| 49 WHATCOM CO | POINT | 5,197. | 3,692. | 91,026. |
| | AREA | 10,579. | 4,509. | 47,449. |
| | TOTAL | 15,776. | 8,201. | 138,475. |
| 49 WHITMAN CO | POINT | 0. | 0. | 0. |
| | AREA | 4,160. | 2,647. | 25,328. |
| | TOTAL | 4,160. | 2,647. | 25,328. |
| 49 YAKIMA CO | POINT | 305. | 1,365. | 320. |
| | AREA | 17,548. | 7,792. | 86,497. |
| | TOTAL | 17,853. | 9,157. | 86,817. |
| 50 BARBOUR CO | POINT | 23. | 0. | 76. |
| | AREA | 1,139. | 1,912. | 5,913. |
| | TOTAL | 1,162. | 1,912. | 5,989. |
| 50 BERKELEY CO | POINT | 25. | 1,852. | 33. |
| | AREA | 4,372. | 2,813. | 20,821. |
| | TOTAL | 4,397. | 4,665. | 20,854. |
| 50 BOONE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,675. | 1,699. | 12,907. |
| | TOTAL | 2,675. | 1,699. | 12,907. |
| 50 BRAXTON CO | POINT | 0. | 0. | 0. |
| | AREA | 1,201. | 925. | 5,235. |
| | TOTAL | 1,201. | 925. | 5,235. |
| 50 BROOKE CO | POINT | 4,785. | 975. | 20,771. |
| | AREA | 2,525. | 1,450. | 9,260. |
| | TOTAL | 7,310. | 2,425. | 30,031. |
| 50 CABELL CO | POINT | 6. | 304. | 3,459. |
| | AREA | 9,511. | 4,898. | 37,117. |
| | TOTAL | 9,517. | 5,202. | 40,576. |
| 50 CALHOUN CO | POINT | 0. | 0. | 0. |
| | AREA | 858. | 1,197. | 4,237. |
| | TOTAL | 858. | 1,197. | 4,237. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 50 CLAY CO | POINT | 0. | 0. | 0. |
| | AREA | 732. | 485. | 3,393. |
| | TOTAL | 732. | 485. | 3,393. |
| 50 DODDRIDGE CO | POINT | 0. | 0. | 0. |
| | AREA | 558. | 559. | 3,356. |
| | TOTAL | 558. | 559. | 3,356. |
| 50 FAYETTE CO | POINT | 14. | 887. | 7,121. |
| | AREA | 2,795. | 2,310. | 10,191. |
| | TOTAL | 2,809. | 3,197. | 17,312. |
| 50 GILMER CO | POINT | 0. | 0. | 0. |
| | AREA | 517. | 619. | 2,822. |
| | TOTAL | 517. | 619. | 2,822. |
| 50 GRANT CO | POINT | 463. | 28,378. | 1,566. |
| | AREA | 771. | 614. | 3,032. |
| | TOTAL | 1,234. | 28,992. | 4,598. |
| 50 GREENBRIER CO | POINT | 40. | 281. | 48. |
| | AREA | 2,539. | 2,018. | 9,951. |
| | TOTAL | 2,579. | 2,299. | 9,999. |
| 50 HAMPSHIRE CO | POINT | 1. | 7. | 1. |
| | AREA | 1,047. | 914. | 5,181. |
| | TOTAL | 1,048. | 921. | 5,182. |
| 50 HANCOCK CO | POINT | 812. | 85,851. | 32,591. |
| | AREA | 2,531. | 2,164. | 12,161. |
| | TOTAL | 3,343. | 88,015. | 44,752. |
| 50 HARDY CO | POINT | 1. | 7. | 1. |
| | AREA | 936. | 884. | 4,911. |
| | TOTAL | 937. | 891. | 4,912. |
| 50 HARRISON CO | POINT | 672. | 40,346. | 2,417. |
| | AREA | 5,525. | 3,576. | 22,959. |
| | TOTAL | 6,197. | 43,922. | 25,376. |
| 50 JACKSON CO | POINT | 20. | 39. | 3. |
| | AREA | 2,943. | 2,393. | 14,671. |
| | TOTAL | 2,963. | 2,432. | 14,674. |
| 50 JEFFERSON CO | POINT | 8. | 251. | 19. |
| | AREA | 1,834. | 1,354. | 7,589. |
| | TOTAL | 1,842. | 1,605. | 7,608. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 50 KANAWHA CO | POINT | 379. | 17,082. | 1,533. |
| | AREA | 19,232. | 11,202. | 94,652. |
| | TOTAL | 19,611. | 28,284. | 96,185. |
| 50 LEWIS CO | POINT | 0. | 0. | 0. |
| | AREA | 2,523. | 2,953. | 18,160. |
| | TOTAL | 2,523. | 2,953. | 18,160. |
| 50 LINCOLN CO | POINT | 0. | 0. | 0. |
| | AREA | 1,510. | 1,034. | 7,425. |
| | TOTAL | 1,510. | 1,034. | 7,425. |
| 50 LOGAN CO | POINT | 1. | 2. | 3. |
| | AREA | 3,369. | 2,044. | 14,666. |
| | TOTAL | 3,370. | 2,046. | 14,669. |
| 50 MC DOWELL CO | POINT | 54. | 4. | 642. |
| | AREA | 3,299. | 1,939. | 18,325. |
| | TOTAL | 3,353. | 1,943. | 18,967. |
| 50 MARION CO | POINT | 34. | 1,977. | 173. |
| | AREA | 5,248. | 2,987. | 18,330. |
| | TOTAL | 5,282. | 4,964. | 18,503. |
| 50 MARSHALL CO | POINT | 1,557. | 78,046. | 11,948. |
| | AREA | 2,785. | 1,974. | 12,296. |
| | TOTAL | 4,342. | 80,020. | 24,244. |
| 50 MASON CO | POINT | 995. | 15,055. | 837. |
| | AREA | 2,041. | 1,597. | 9,405. |
| | TOTAL | 3,036. | 16,652. | 10,242. |
| 50 MERCER CO | POINT | 0. | 0. | 0. |
| | AREA | 5,148. | 3,166. | 21,768. |
| | TOTAL | 5,148. | 3,166. | 21,768. |
| 50 MINERAL CO | POINT | 123. | 146. | 1,415. |
| | AREA | 1,657. | 1,419. | 7,060. |
| | TOTAL | 1,780. | 1,565. | 8,475. |
| 50 MINGO CO | POINT | 2. | 12. | 2. |
| | AREA | 1,721. | 1,386. | 6,837. |
| | TOTAL | 1,723. | 1,398. | 6,839. |
| 50 MONONGALIA CO | POINT | 441. | 26,197. | 1,463. |
| | AREA | 5,573. | 3,579. | 26,157. |
| | TOTAL | 6,014. | 29,776. | 27,620. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 50 MONROE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,137. | 1,165. | 4,271. |
| | TOTAL | 1,137. | 1,165. | 4,271. |
| 50 MORGAN CO | POINT | 5. | 80. | 11. |
| | AREA | 684. | 561. | 3,117. |
| | TOTAL | 689. | 641. | 3,128. |
| 50 NICHOLAS CO | POINT | 55. | 88. | 62. |
| | AREA | 2,662. | 1,700. | 8,325. |
| | TOTAL | 2,717. | 1,788. | 8,387. |
| 50 OHIO CO | POINT | 0. | 0. | 0. |
| | AREA | 6,307. | 3,076. | 29,664. |
| | TOTAL | 6,307. | 3,076. | 29,664. |
| 50 PENDLETON CO | POINT | 0. | 0. | 0. |
| | AREA | 755. | 850. | 4,575. |
| | TOTAL | 755. | 850. | 4,575. |
| 50 PLEASANTS CO | POINT | 95. | 4,961. | 290. |
| | AREA | 690. | 567. | 2,587. |
| | TOTAL | 785. | 5,528. | 2,877. |
| 50 POCAHONTAS CO | POINT | 0. | 45. | 3. |
| | AREA | 694. | 542. | 2,975. |
| | TOTAL | 694. | 587. | 2,978. |
| 50 PRESTON CO | POINT | 126. | 5,850. | 328. |
| | AREA | 1,916. | 1,445. | 8,330. |
| | TOTAL | 2,042. | 7,295. | 8,658. |
| 50 PUTNAM CO | POINT | 1,097. | 62,160. | 3,552. |
| | AREA | 2,309. | 1,969. | 11,240. |
| | TOTAL | 3,406. | 64,129. | 14,792. |
| 50 RALEIGH CO | POINT | 22. | 2. | 269. |
| | AREA | 5,097. | 3,668. | 22,517. |
| | TOTAL | 5,119. | 3,670. | 22,785. |
| 50 RANDOLPH CO | POINT | 41. | 39. | 10,134. |
| | AREA | 2,533. | 1,989. | 11,061. |
| | TOTAL | 2,574. | 2,028. | 21,195. |
| 50 RITCHIE CO | POINT | 0. | 0. | 0. |
| | AREA | 929. | 905. | 4,109. |
| | TOTAL | 929. | 905. | 4,109. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 50 ROANE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,236. | 863. | 4,467. |
| | TOTAL | 1,236. | 863. | 4,467. |
| 50 SUMMERS CO | POINT | 1. | 24. | 3. |
| | AREA | 1,060. | 656. | 5,090. |
| | TOTAL | 1,061. | 680. | 5,093. |
| 50 TAYLOR CO | POINT | 0. | 0. | 0. |
| | AREA | 1,141. | 717. | 4,657. |
| | TOTAL | 1,141. | 717. | 4,657. |
| 50 TUCKER CO | POINT | 0. | 0. | 0. |
| | AREA | 535. | 448. | 2,024. |
| | TOTAL | 535. | 448. | 2,024. |
| 50 TYLER CO | POINT | 9. | 266. | 13. |
| | AREA | 814. | 668. | 2,804. |
| | TOTAL | 823. | 934. | 2,817. |
| 50 UPSHUR CO | POINT | 1. | 6. | 1. |
| | AREA | 1,412. | 949. | 6,029. |
| | TOTAL | 1,413. | 955. | 6,030. |
| 50 WAYNE CO | POINT | 123. | 307. | 1,274. |
| | AREA | 3,244. | 2,072. | 15,729. |
| | TOTAL | 3,367. | 2,379. | 17,003. |
| 50 WEBSTER CO | POINT | 264. | 2. | 443. |
| | AREA | 664. | 554. | 2,908. |
| | TOTAL | 928. | 556. | 3,351. |
| 50 WETZEL CO | POINT | 0. | 0. | 59. |
| | AREA | 1,786. | 1,382. | 7,319. |
| | TOTAL | 1,786. | 1,382. | 7,378. |
| 50 WIRT CO | POINT | 13. | 2. | 11. |
| | AREA | 281. | 286. | 1,321. |
| | TOTAL | 294. | 288. | 1,332. |
| 50 WOOD CO | POINT | 69. | 1,003. | 12,394. |
| | AREA | 8,467. | 4,769. | 37,258. |
| | TOTAL | 8,536. | 5,772. | 49,652. |
| 50 WYOMING CO | POINT | 0. | 0. | 0. |
| | AREA | 2,138. | 1,878. | 9,368. |
| | TOTAL | 2,138. | 1,878. | 9,368. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 51 ADAMS CO | POINT | 0. | 0. | 0. |
| | AREA | 2,539. | 1,317. | 12,209. |
| | TOTAL | 2,539. | 1,317. | 12,209. |
| 51 ASHLAND CO | POINT | 34. | 1,357. | 67. |
| | AREA | 1,295. | 465. | 4,228. |
| | TOTAL | 1,329. | 1,822. | 4,295. |
| 51 BARRON CO | POINT | 0. | 0. | 0. |
| | AREA | 3,073. | 1,291. | 11,051. |
| | TOTAL | 3,073. | 1,291. | 11,051. |
| 51 BAYFIELD CO | POINT | 0. | 0. | 0. |
| | AREA | 2,423. | 1,744. | 11,559. |
| | TOTAL | 2,423. | 1,744. | 11,559. |
| 51 BROWN CO | POINT | 395. | 17,078. | 2,359. |
| | AREA | 10,667. | 2,755. | 13,389. |
| | TOTAL | 11,062. | 19,833. | 15,748. |
| 51 BUFFALO CO | POINT | 75. | 4,547. | 252. |
| | AREA | 7,140. | 6,894. | 43,742. |
| | TOTAL | 7,215. | 11,441. | 43,994. |
| 51 BURNETT CO | POINT | 0. | 0. | 0. |
| | AREA | 1,699. | 812. | 7,530. |
| | TOTAL | 1,699. | 812. | 7,530. |
| 51 CALUMET CO | POINT | 0. | 36. | 3. |
| | AREA | 4,134. | 847. | 9,688. |
| | TOTAL | 4,134. | 883. | 9,691. |
| 51 CHIPPEWA CO | POINT | 6. | 286. | 21. |
| | AREA | 3,994. | 1,526. | 12,890. |
| | TOTAL | 4,000. | 1,812. | 12,911. |
| 51 CLARK CO | POINT | 6. | 111. | 12. |
| | AREA | 3,399. | 2,554. | 17,418. |
| | TOTAL | 3,405. | 2,665. | 17,430. |
| 51 COLUMBIA CO | POINT | 136. | 8,222. | 456. |
| | AREA | 4,434. | 2,024. | 18,171. |
| | TOTAL | 4,570. | 10,246. | 18,627. |
| 51 CRAWFORD CO | POINT | 0. | 0. | 0. |
| | AREA | 3,439. | 2,353. | 20,934. |
| | TOTAL | 3,439. | 2,353. | 20,934. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 51 DANE CO | POINT | 462. | 2,322. | 1,595. |
| | AREA | 12,520. | 4,046. | 24,447. |
| | TOTAL | 12,982. | 6,368. | 26,042. |
| 51 DODGE CC | POINT | 0. | 34. | 435. |
| | AREA | 17,905. | 11,338. | 104,178. |
| | TOTAL | 17,905. | 11,372. | 104,613. |
| 51 DOOR CO | POINT | 6. | 8. | 140. |
| | AREA | 4,351. | 2,203. | 19,496. |
| | TOTAL | 4,357. | 2,211. | 19,636. |
| 51 DOUGLAS CO | POINT | 88. | 666. | 175. |
| | AREA | 3,065. | 1,205. | 12,673. |
| | TOTAL | 3,153. | 1,871. | 12,848. |
| 51 DUNN CO | POINT | 3. | 70. | 82. |
| | AREA | 3,010. | 1,844. | 17,460. |
| | TOTAL | 3,013. | 1,914. | 17,542. |
| 51 EAU CLAIRE CO | POINT | 19. | 657. | 414. |
| | AREA | 4,136. | 1,836. | 15,466. |
| | TOTAL | 4,155. | 2,493. | 15,880. |
| 51 FLORENCE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,982. | 2,735. | 16,142. |
| | TOTAL | 2,982. | 2,735. | 16,142. |
| 51 FOND DU LAC CO | POINT | 1. | 56. | 5. |
| | AREA | 5,326. | 1,239. | 10,481. |
| | TOTAL | 5,327. | 1,295. | 10,486. |
| 51 FOREST CO | POINT | 0. | 0. | 0. |
| | AREA | 4,241. | 3,639. | 20,731. |
| | TOTAL | 4,241. | 3,639. | 20,731. |
| 51 GRANT CO | POINT | 94. | 15,119. | 314. |
| | AREA | 2,636. | 960. | 11,143. |
| | TOTAL | 2,730. | 16,079. | 11,457. |
| 51 GREEN CC | POINT | 0. | 0. | 235. |
| | AREA | 4,071. | 2,606. | 22,767. |
| | TOTAL | 4,071. | 2,606. | 23,002. |
| 51 GREEN LAKE CO | POINT | 0. | 0. | 702. |
| | AREA | 2,802. | 1,576. | 14,379. |
| | TOTAL | 2,802. | 1,576. | 15,081. |

EMISSION PROFILES OF COUNTIES

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | <br>NOX | *<br>CO |
|---|---|---|---|---|
| 51 IOWA CO | POINT | 0. | 0. | 0. |
| | AREA | 1,896. | 1,269. | 11,186. |
| | TOTAL | 1,896. | 1,269. | 11,186. |
| 51 IRON CO | POINT | 5. | 103. | 0. |
| | AREA | 1,620. | 1,023. | 7,423. |
| | TOTAL | 1,625. | 1,126. | 7,423. |
| 51 JACKSON CO | POINT | 45. | 3. | 144. |
| | AREA | 1,365. | 509. | 5,744. |
| | TOTAL | 1,410. | 512. | 5,888. |
| 51 JEFFERSON CO | POINT | 5. | 37. | 35. |
| | AREA | 5,314. | 1,388. | 11,169. |
| | TOTAL | 5,319. | 1,425. | 11,204. |
| 51 JUNEAU CO | POINT | 10. | 0. | 126. |
| | AREA | 4,586. | 2,993. | 22,351. |
| | TOTAL | 4,596. | 2,993. | 22,477. |
| 51 KENOSHA CO | POINT | 157,985. | 461. | 184. |
| | AREA | 11,942. | 2,091. | 12,782. |
| | TOTAL | 169,927. | 2,552. | 12,966. |
| 51 KEWAUNEE CO | POINT | 21. | 162. | 28. |
| | AREA | 6,333. | 4,256. | 39,805. |
| | TOTAL | 6,354. | 4,418. | 39,833. |
| 51 LA CROSSE CO | POINT | 33. | 528. | 303. |
| | AREA | 4,955. | 1,543. | 10,928. |
| | TOTAL | 4,988. | 2,071. | 11,231. |
| 51 LAFAYETTE CO | POINT | 0. | 0. | 0. |
| | AREA | 3,751. | 3,397. | 21,839. |
| | TOTAL | 3,751. | 3,397. | 21,839. |
| 51 LANGLADE CO | POINT | 3. | 17. | 3. |
| | AREA | 1,790. | 982. | 8,860. |
| | TOTAL | 1,793. | 999. | 8,863. |
| 51 LINCOLN CO | POINT | 71. | 2,608. | 114. |
| | AREA | 2,705. | 1,022. | 8,687. |
| | TOTAL | 2,776. | 3,630. | 8,801. |
| 51 MANITOWOC CO | POINT | 74. | 1,224. | 149. |
| | AREA | 7,575. | 1,996. | 16,057. |
| | TOTAL | 7,649. | 3,220. | 16,206. |

| STATE AND COUNTY | TYPE OF EMISSIONS | | COMPUTED EMISSIONS | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 51 MARATHON CO | POINT | 3,942. | 46,868. | 15,447. |
| | AREA | 8,566. | 3,516. | 26,099. |
| | TOTAL | 12,508. | 50,384. | 41,546. |
| 51 MARINETTE CO | POINT | 86. | 1,254. | 201. |
| | AREA | 7,655. | 3,814. | 35,491. |
| | TOTAL | 7,741. | 5,068. | 35,692. |
| 51 MARQUETTE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,331. | 1,700. | 12,494. |
| | TOTAL | 2,331. | 1,700. | 12,494. |
| 51 MENOMONIE CO | POINT | 22. | 110. | 22. |
| | AREA | 608. | 550. | 3,504. |
| | TOTAL | 630. | 660. | 3,526. |
| 51 MILWAUKEE CO | POINT | 12,091. | 42,801. | 6,730. |
| | AREA | 70,587. | 12,745. | 62,476. |
| | TOTAL | 82,678. | 55,546. | 69,206. |
| 51 MONROE CO | POINT | 0. | 0. | 217. |
| | AREA | 42,692. | 30,665. | 283,374. |
| | TOTAL | 42,692. | 30,665. | 283,591. |
| 51 OCONTO CO | POINT | 5. | 89. | 3. |
| | AREA | 3,120. | 1,641. | 13,091. |
| | TOTAL | 3,125. | 1,730. | 13,094. |
| 51 ONEIDA CO | POINT | 187. | 898. | 519. |
| | AREA | 3,203. | 1,294. | 12,438. |
| | TOTAL | 3,390. | 2,192. | 12,957. |
| 51 OUTAGAMIE CO | POINT | 116. | 6,875. | 6,592. |
| | AREA | 9,076. | 2,652. | 18,295. |
| | TOTAL | 9,192. | 9,527. | 24,887. |
| 51 OZAUKEE CO | POINT | 279. | 6,261. | 633. |
| | AREA | 8,952. | 5,006. | 44,076. |
| | TOTAL | 9,231. | 11,267. | 44,709. |
| 51 PEPIN CO | POINT | 0. | 0. | 0. |
| | AREA | 2,910. | 2,434. | 15,441. |
| | TOTAL | 2,910. | 2,434. | 15,441. |
| 51 PIERCE CO | POINT | 3. | 37. | 6. |
| | AREA | 1,709. | 739. | 6,422. |
| | TOTAL | 1,712. | 776. | 6,428. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | * |
|---|---|---|---|---|
| | | HC | NOX | CO |
| 51 POLK CO | POINT | 0. | 0. | 0. |
| | AREA | 3,017. | 1,732. | 12,955. |
| | TOTAL | 3,017. | 1,732. | 12,955. |
| 51 PORTAGE CO | POINT | 42. | 155. | 184. |
| | AREA | 4,183. | 1,851. | 16,336. |
| | TOTAL | 4,225. | 2,006. | 16,520. |
| 51 PRICE CO | POINT | 43. | 236. | 147. |
| | AREA | 3,049. | 1,935. | 15,470. |
| | TOTAL | 3,092. | 2,171. | 15,617. |
| 51 RACINE CO | POINT | 304. | 631. | 4,128. |
| | AREA | 10,924. | 2,290. | 12,663. |
| | TOTAL | 11,228. | 2,921. | 16,791. |
| 51 RICHLAND CO | POINT | 9. | 135. | 453. |
| | AREA | 8,005. | 6,212. | 49,957. |
| | TOTAL | 8,014. | 6,347. | 50,410. |
| 51 ROCK CO | POINT | 113. | 9,102. | 2,208. |
| | AREA | 10,180. | 2,124. | 13,210. |
| | TOTAL | 10,293. | 11,226. | 15,418. |
| 51 RUSK CO | POINT | 19. | 237. | 174. |
| | AREA | 7,072. | 5,159. | 42,218. |
| | TOTAL | 7,091. | 5,396. | 42,392. |
| 51 ST CROIX CO | POINT | 0. | 9. | 0. |
| | AREA | 2,332. | 1,058. | 8,334. |
| | TOTAL | 2,332. | 1,067. | 8,334. |
| 51 SAUK CO | POINT | 1. | 470. | 1,485. |
| | AREA | 4,753. | 1,971. | 16,824. |
| | TOTAL | 4,754. | 2,441. | 18,309. |
| 51 SAWYER CO | POINT | 0. | 0. | 0. |
| | AREA | 3,246. | 2,165. | 14,976. |
| | TOTAL | 3,246. | 2,165. | 14,976. |
| 51 SHAWANO CO | POINT | 0. | 0. | 0. |
| | AREA | 2,130. | 936. | 9,033. |
| | TOTAL | 2,130. | 936. | 9,033. |
| 51 SHEBOYGAN CO | POINT | 230. | 27,131. | 5,335. |
| | AREA | 9,388. | 2,497. | 18,424. |
| | TOTAL | 9,618. | 29,628. | 23,759. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS | | |
|---|---|---|---|---|
| | | HC | NOX | * CO |
| 51 TAYLOR CO | POINT | 0. | 0. | 0. |
| | AREA | 5,502. | 3,870. | 31,647. |
| | TOTAL | 5,502. | 3,870. | 31,647. |
| 51 TREMPEALEAU CO | POINT | 0. | 17. | 2. |
| | AREA | 1,935. | 1,085. | 8,121. |
| | TOTAL | 1,935. | 1,102. | 8,123. |
| 51 VERNON CO | POINT | 120. | 7,232. | 401. |
| | AREA | 2,357. | 1,678. | 13,826. |
| | TOTAL | 2,477. | 8,910. | 14,227. |
| 51 VILAS CO | POINT | 0. | 0. | 0. |
| | AREA | 2,971. | 1,307. | 11,347. |
| | TOTAL | 2,971. | 1,307. | 11,347. |
| 51 WALWORTH CO | POINT | 0. | 71. | 1,515. |
| | AREA | 4,388. | 1,287. | 9,663. |
| | TOTAL | 4,388. | 1,358. | 11,178. |
| 51 WASHBURN CO | POINT | 0. | 0. | 0. |
| | AREA | 3,868. | 2,959. | 18,954. |
| | TOTAL | 3,868. | 2,959. | 18,954. |
| 51 WASHINGTON CO | POINT | 111. | 372. | 560. |
| | AREA | 5,748. | 1,510. | 10,033. |
| | TOTAL | 5,859. | 1,882. | 10,593. |
| 51 WAUKESHA CO | POINT | 15. | 20. | 3,558. |
| | AREA | 17,220. | 4,680. | 31,669. |
| | TOTAL | 17,235. | 4,700. | 35,227. |
| 51 WAUPACA CO | POINT | 17. | 237. | 33. |
| | AREA | 14,081. | 9,389. | 83,248. |
| | TOTAL | 14,098. | 9,626. | 83,281. |
| 51 WAUSHARA CO | POINT | 0. | 0. | 0. |
| | AREA | 2,826. | 2,151. | 15,266. |
| | TOTAL | 2,826. | 2,151. | 15,266. |
| 51 WINNEBAGO CO | POINT | 398. | 2,161. | 14,064. |
| | AREA | 12,909. | 2,410. | 17,261. |
| | TOTAL | 13,307. | 4,571. | 31,325. |
| 51 WOOD CO | POINT | 540. | 13,481. | 6,351. |
| | AREA | 9,817. | 4,547. | 42,443. |
| | TOTAL | 10,357. | 18,028. | 48,794. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS HC | NOX | * CO |
|---|---|---|---|---|
| 52 ALBANY CO | POINT | 216. | 51. | 2,496. |
| | AREA | 5,777. | 5,484. | 48,440. |
| | TOTAL | 5,993. | 5,535. | 50,936. |
| 52 BIG HORN CO | POINT | 1. | 56. | 5. |
| | AREA | 2,811. | 4,246. | 21,340. |
| | TOTAL | 2,812. | 4,302. | 21,345. |
| 52 CAMPBELL CO | POINT | 40. | 1,501. | 107. |
| | AREA | 1,525. | 1,693. | 10,514. |
| | TOTAL | 1,565. | 3,194. | 10,621. |
| 52 CARBON CO | POINT | 951. | 1,255. | 28,440. |
| | AREA | 2,065. | 2,199. | 12,818. |
| | TOTAL | 3,016. | 3,454. | 41,258. |
| 52 CONVERSE CO | POINT | 509. | 30,582. | 1,699. |
| | AREA | 2,000. | 1,991. | 16,182. |
| | TOTAL | 2,509. | 32,573. | 17,881. |
| 52 CROOK CO | POINT | 0. | 0. | 0. |
| | AREA | 1,061. | 1,438. | 8,028. |
| | TOTAL | 1,061. | 1,438. | 8,028. |
| 52 FREMONT CO | POINT | 1,013. | 106. | 11,971. |
| | AREA | 1,913. | 3,590. | 7,950. |
| | TOTAL | 2,926. | 3,696. | 19,921. |
| 52 GOSHEN CO | POINT | 0. | 0. | 0. |
| | AREA | 3,094. | 2,841. | 26,674. |
| | TOTAL | 3,094. | 2,841. | 26,674. |
| 52 HOT SPRINGS CO | POINT | 4. | 0. | 50. |
| | AREA | 1,368. | 904. | 12,111. |
| | TOTAL | 1,372. | 904. | 12,161. |
| 52 JOHNSON CO | POINT | 0. | 0. | 0. |
| | AREA | 910. | 1,202. | 6,180. |
| | TOTAL | 910. | 1,202. | 6,180. |
| 52 LARAMIE CO | POINT | 6,327. | 892. | 2,158. |
| | AREA | 3,932. | 8,007. | 12,156. |
| | TOTAL | 10,259. | 8,899. | 14,314. |
| 52 LINCOLN CO | POINT | 435. | 16,340. | 2,198. |
| | AREA | 5,605. | 4,375. | 47,544. |
| | TOTAL | 6,040. | 20,715. | 49,742. |

| STATE AND COUNTY | TYPE OF EMISSIONS | COMPUTED EMISSIONS<br>HC | <br>NOX | <br>* CO |
|---|---|---|---|---|
| 52 NATRONA CO | POINT | 5,009. | 2,186. | 29,250. |
| | AREA | 2,398. | 3,765. | 9,069. |
| | TOTAL | 7,407. | 5,951. | 38,319. |
| 52 NIOBRARA CO | POINT | 0. | 0. | 0. |
| | AREA | 5,629. | 3,629. | 49,881. |
| | TOTAL | 5,629. | 3,629. | 49,881. |
| 52 PARK CO | POINT | 3,916. | 255. | 18,868. |
| | AREA | 1,276. | 1,413. | 6,105. |
| | TOTAL | 5,192. | 1,668. | 24,973. |
| 52 PLATTE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,180. | 1,799. | 17,545. |
| | TOTAL | 2,180. | 1,799. | 17,545. |
| 52 SHERIDAN CO | POINT | 235. | 216. | 2,630. |
| | AREA | 1,448. | 1,640. | 8,996. |
| | TOTAL | 1,683. | 1,856. | 11,626. |
| 52 SUBLETTE CO | POINT | 0. | 0. | 0. |
| | AREA | 2,024. | 1,387. | 16,506. |
| | TOTAL | 2,024. | 1,387. | 16,506. |
| 52 SWEETWATER CO | POINT | 1,282. | 53,634. | 8,409. |
| | AREA | 1,607. | 2,179. | 6,688. |
| | TOTAL | 2,889. | 55,813. | 15,097. |
| 52 TETON CO | POINT | 0. | 0. | 0. |
| | AREA | 2,421. | 1,713. | 19,252. |
| | TOTAL | 2,421. | 1,713. | 19,252. |
| 52 UINTA CO | POINT | 154. | 14. | 1,825. |
| | AREA | 1,227. | 1,060. | 9,094. |
| | TOTAL | 1,381. | 1,074. | 10,919. |
| 52 WASHAKIE CO | POINT | 0. | 0. | 0. |
| | AREA | 1,043. | 935. | 8,297. |
| | TOTAL | 1,043. | 935. | 8,297. |
| 52 WESTON CO | POINT | 2,403. | 1.877. | 2,010. |
| | AREA | 997. | 810. | 7,963. |
| | TOTAL | 3,400. | 2,687. | 9,973. |

* Tons/Year

## STATE ALPHABETICAL AND NUMERICAL CODES

| | | |
|---|---|---|
| AL | (01) | Alabama |
| AK | (02) | Alaska |
| AZ | (03) | Arizona |
| AR | (04) | Arkansas |
| CA | (05) | California |
| CO | (06) | Colorado |
| CT | (07) | Connecticut |
| DE | (08) | Delaware |
| DC | (09) | District of Columbia |
| FL | (10) | Florida |
| GA | (11) | Georgia |
| HI | (12) | Hawaii |
| ID | (13) | Idaho |
| IL | (14) | Illinois |
| IN | (15) | Indiana |
| IA | (16) | Iowa |
| KS | (17) | Kansas |
| KY | (18) | Kentucky |
| LA | (19) | Louisiana |
| ME | (20) | Maine |
| MD | (21) | Maryland |
| MA | (22) | Massachusetts |
| MI | (23) | Michigan |
| MN | (24) | Minnesota |
| MS | (25) | Mississippi |
| MO | (26) | Missouri |
| MT | (27) | Montana |
| NB | (28) | Nebraska |
| NV | (29) | Nevada |
| NH | (30) | New Hampshire |
| NJ | (31) | New Jersey |
| NM | (32) | New Mexico |
| NY | (33) | New York |
| NC | (34) | North Carolina |
| ND | (35) | North Dakota |
| OH | (36) | Ohio |
| OK | (37) | Oklahoma |
| OR | (38) | Oregon |
| PA | (39) | Pennsylvania |
| PR | (40) | Puerto Rico |
| RI | (41) | Rhode Island |
| SC | (42) | South Carolina |
| SD | (43) | South Dakota |
| TN | (44) | Tennessee |
| TX | (45) | Texas |
| UT | (46) | Utah |
| VT | (47) | Vermont |
| VA | (48) | Virginia |
| WA | (49) | Washington |
| WV | (50) | West Virginia |
| WI | (51) | Wisconsin |
| WY | (52) | Wyoming |

# APPENDIX J

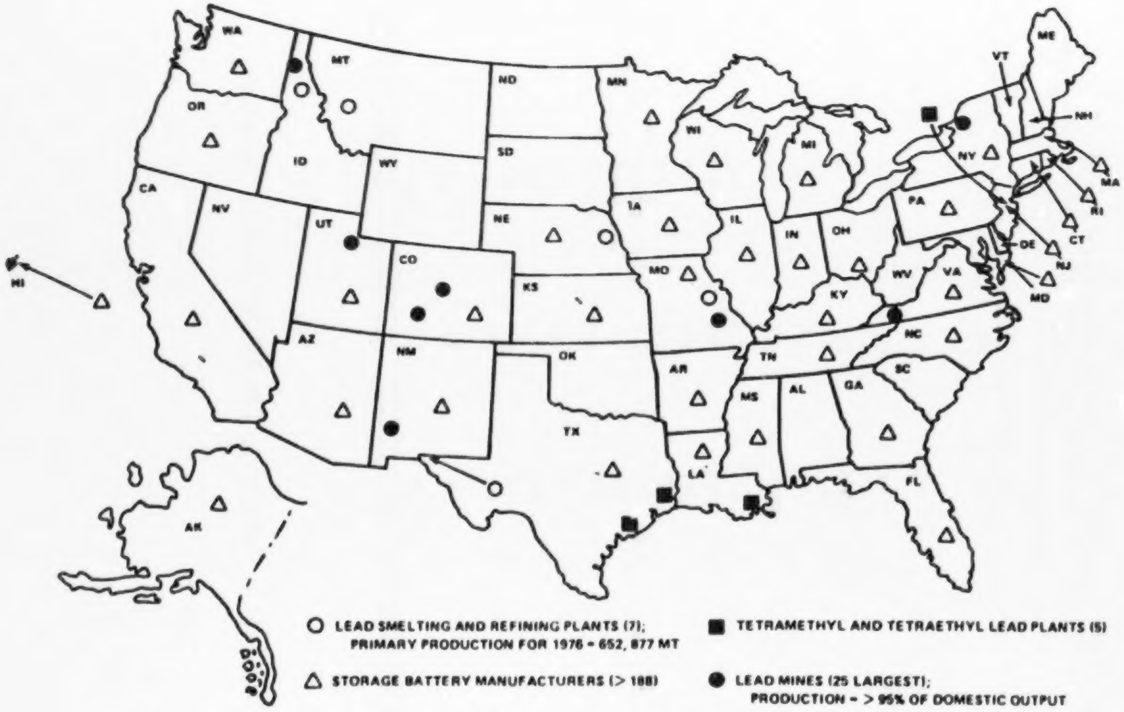
# Pb EMISSIONS AND AIR QUALITY DATA

## ESTIMATED ATMOSPHERIC LEAD EMISSIONS FOR THE UNITED STATES, 1975[a,*]

| Source category | Annual emissions, MT/yr | Emissions as percentage of | |
|---|---|---|---|
| | | Subtotal | Total |
| Mobile subtotal | 142,000 | 100 | — |
| Gasoline combustion | 142,000 | 100 | 88.1 |
| Stationary subtotal | 19,225 | 100 | — |
| Waste oil combustion | 10,430 | 54.3 | 6.5 |
| Solid waste incineration | 1,630 | 8.5 | 1.0 |
| Coal combustion | 400 | 2.1 | 0.2 |
| Oil combustion | 100 | 0.5 | 0.1 |
| Gray iron production | 1,079 | 5.6 | 0.7 |
| Iron and steel production | 844 | 4.4 | 0.5 |
| Secondary lead smelting | 755 | 3.9 | 0.4 |
| Primary copper smelting | 619 | 3.2 | 0.4 |
| Ore crushing and grinding | 493 | 2.5 | 0.3 |
| Primary lead smelting | 400 | 2.1 | 0.2 |
| Other metallurgical | 272 | 1.4 | 0.2 |
| Lead alkyl manufacture | 1,014 | 5.3 | 0.6 |
| Type metal | 436 | 2.3 | 0.3 |
| Portland cement production | 313 | 1.6 | 0.2 |
| Pigments | 112 | 0.6 | 0.1 |
| Miscellaneous | 328 | 1.7 | 0.2 |
| Total | 161,225 | — | 100 |

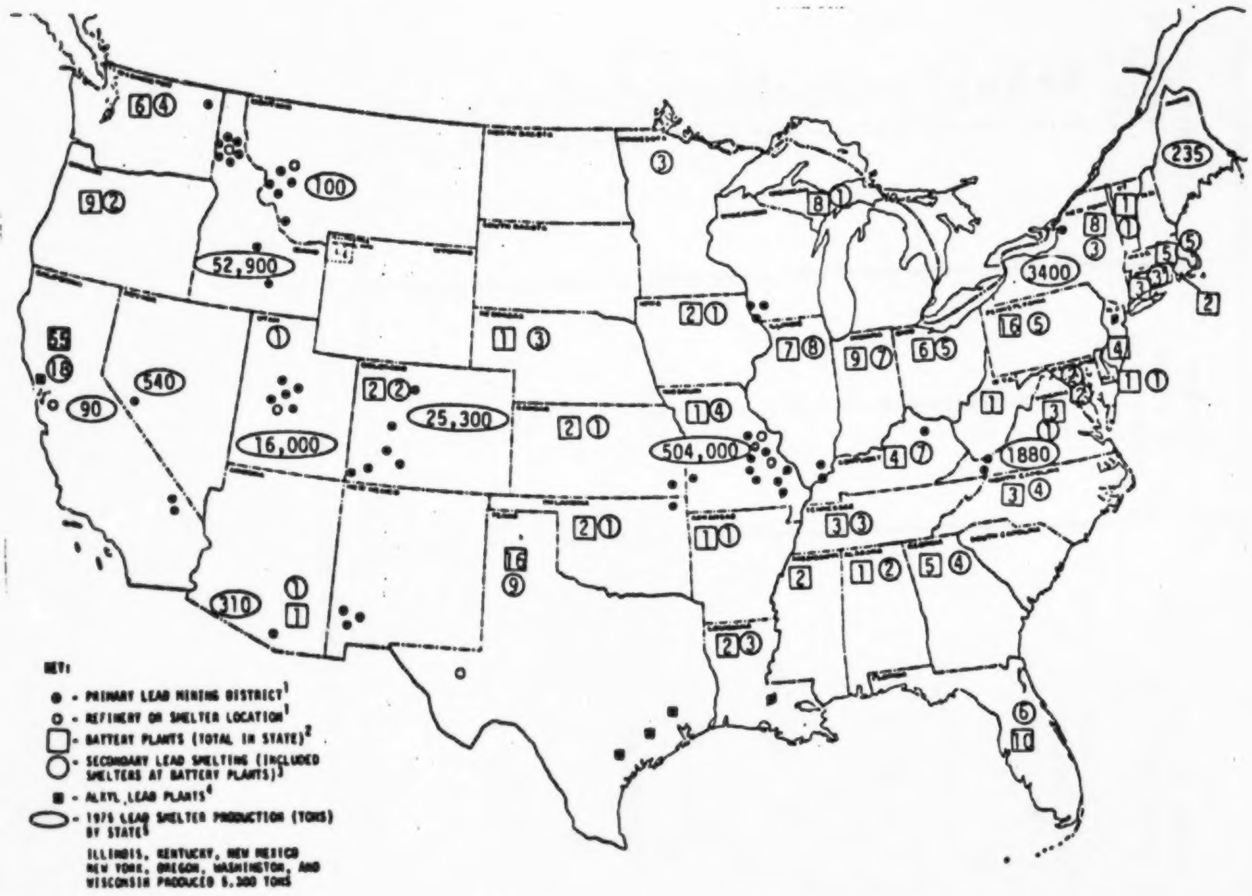
[a] Inventory does not include emissions from exhausting workroom air, burning of lead-painted surfaces, welding of lead-painted steel structures, or weathering of painted surfaces.

Reference: Air Quality Criteria for Lead, EPA-600/8-77-017, December 1977.


WA
MT
ND
MN
ME
VT
NH
OR
ID
WY
SD
WI
MI
NY
MA
RI
CT
DE
NJ
MD
CA
NV
UT
CO
NE
IA
IL
IN
OH
PA
HI
KS
MO
KY
WV
VA
AZ
NM
OK
AR
TN
NC
SC
MS
AL
GA
TX
LA
FL
AK
○ LEAD SMELTING AND REFINING PLANTS (7); PRIMARY PRODUCTION FOR 1976 – 652, 877 MT
■ TETRAMETHYL AND TETRAETHYL LEAD PLANTS (5)
△ STORAGE BATTERY MANUFACTURERS (> 188)
● LEAD MINES (25 LARGEST); PRODUCTION – > 95% OF DOMESTIC OUTPUT

Location of major lead operations in the United States, 1976.[13]

Reference: Air Quality Criteria for Lead, EPA-600/8-77-017, December 1977.


KEY:
● - PRIMARY LEAD MINING DISTRICT¹
○ - REFINERY OR SMELTER LOCATION¹
☐ - BATTERY PLANTS (TOTAL IN STATE)²
○ - SECONDARY LEAD SMELTING (INCLUDED SMELTERS AT BATTERY PLANTS)³
■ - ALKYL LEAD PLANTS⁴
⬭ - 1975 LEAD SMELTER PRODUCTION (TONS) BY STATE⁵
ILLINOIS, KENTUCKY, NEW MEXICO NEW YORK, OREGON, WASHINGTON, AND WISCONSIN PRODUCED 5,300 TONS
235
3400
1880
504,000
25,300
16,000
52,900
100
540
90
310

Reference: Control Techniques for Lead Air Emissions, Volume I: Chapters 1-3, EPA-450/2-77-012, December 1977.

## HIGHEST QUARTERLY AMBIENT LEAD LEVELS REPORTED FROM THE 25 LARGEST URBANIZED AREAS IN 1977

| Urbanized areas in decreasing order of population | Number of sites reporting | Highest quarter reported $\mu g/m^3$ |
|---|---|---|
| 1. New York, NY-Northeastern NJ | 4 | 2.18* |
| 2. Los Angeles-Long Beach, CA | 5 | 3.90* |
| 3. Chicago, IL-Northeastern, IN | 8 | 2.09* |
| 4. Philadelphia, PA | 2 | 1.44 |
| 5. Detroit, MI | 1 | 1.08 |
| 6. San Francisco-Oakland, CA | 2 | 1.70* |
| 7. Boston, MA | 2 | 0.82 |
| 8. Washington, DC-MD-VA | 1 | 1.13 |
| 9. Cleveland, OH | 1 | 0.90 |
| 10. St. Louis, MO-IL | 1 | 1.07 |
| 11. Pittsburgh, PA | 1 | 1.31 |
| 12. Minneapolis-St. Paul, MN | 2 | 1.96* |
| 13. Houston, TX | 3 | 1.61* |
| 14. Baltimore, MD | 1 | 1.18 |
| 15. Dallas-Ft. Worth, TX | 3 | 2.29* |
| 16. Milwaukee, WI | 1 | 1.06 |
| 17. Seattle-Everette, WA | 1 | 1.62* |
| 18. Miami, FL | 7 | 1.73* |
| 19. San Diego, CA | 1 | 2.40* |
| 20. Atlanta, GA | 1 | 1.36 |
| 21. Cincinnati, OH-KY | 2 | 0.90 |
| 22. Kansas City, MO-KS | 2 | 1.01 |
| 23. Buffalo, NY | 0 | |
| 24. Denver, CO | 4 | 1.30 |
| 25. San Jose, CA | 1 | 2.90* |

*Quarterly average above NAAQS (1.5 $\mu g/m^3$).